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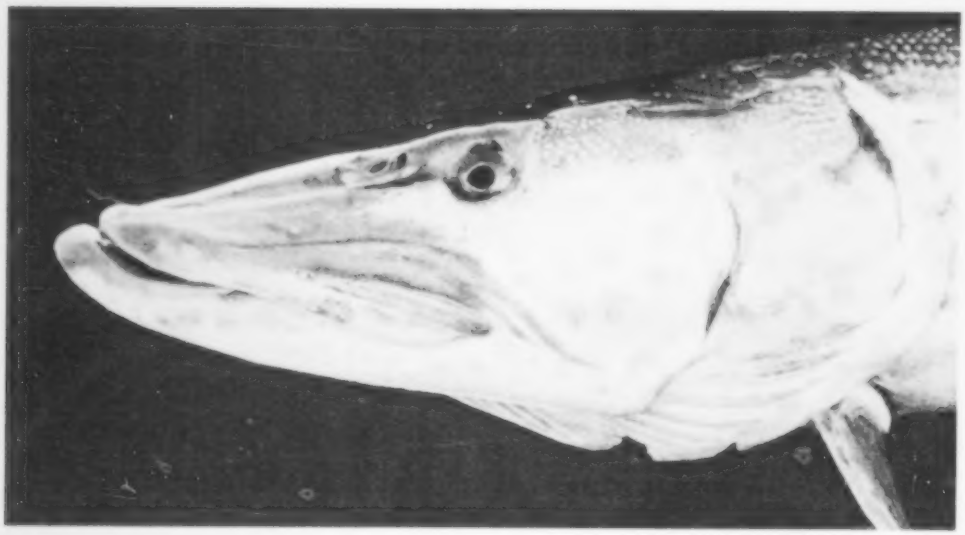

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November 2004

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Abstract

This report consolidates volunteer angler diary information, collected from a variety of sources over a period of more than forty years, to provide an overview of muskellunge sport fisheries in Ontario. Based on reported angling effort it is obvious that muskellunge are becoming an increasingly popular species. Muskellunge catches were found to be strongly correlated with reported angling effort. Angling success, in terms of catch-per-unit-effort, has improved over the past twenty-five years and Ontario waters now provide some of the highest quality muskellunge fisheries in North America. Muskellunge in excess of 50 inches are captured from several waters each year. It is expected that the next world record muskellunge will be angled from somewhere in Ontario. Voluntary release rates of muskellunge among muskellunge anglers have also increased over the past two decades to the point where approximately 98% of all angled muskellunge are now released after capture. Overall, Ontario's muskellunge fisheries appear to be stable and sustainable. This can be attributed to an increase in the catch-and-release ethic as well as new minimum size limit regulations. Volunteer angler diary programs should continue to be used to monitor the status of Ontario's muskellunge fisheries in the future.

Introduction

Muskellunge (*Esox masquinongy)* are a highly valued sport fish species in Ontario. Although muskellunge anglers represent a relatively small proportion of all licenced anglers in Ontario, they direct considerable fishing effort toward the species. Many commercial resorts and lodges cater specifically to muskellunge anglers.

Figure 1. Angler Ken Taggert holds a 40+ pound late season muskellunge. Muskellunge are a highly sought species by many anglers in Ontario. Photo by Greg Bright.

Muskellunge were cultured and stocked in Ontario commencing in the 1920s and continuing until 1990 (see Kerr 2001b). These activities were believed to have resulted in the successful introduction of muskellunge into at least 71 lakes. There are at least 302 lakes (MNR 1987) and 105 rivers (Kerr 2001a) in Ontario which sustain populations of muskellunge. Currently, all Ontario muskellunge populations are self-sustaining and managed on the basis of natural reproduction.

In Ontario, muskellunge are managed using open seasons, catch and possession limits and minimum size limits (see MNR 2002). Based on decreasing angling quality and concerns over sustainability, minimum size limits for muskellunge were reviewed and increased in 1986 (MNR 1986) and again in 1999 (MNR 1999). Minimum size limit regulations are based on the growth potential of fish in a particular waterbody (see Casselman et al. 1999) as well as the management objective for that muskellunge fishery (Table 1). On this basis, Ontario muskellunge waters have one of three management designations: (i) high density populations; (ii) enhanced size fisheries; or (iii) record class fisheries. High density populations include those waters which provide good opportunities to catch muskellunge, most of which are smaller (i.e., < 40 inches) in size. Enhanced size fisheries are those waters which have the capability to produce larger than average fish and are managed to provide an opportunity for an angler to catch a personal trophy. Finally, Ontario has some waters which can produce very large fish of world record size. These muskellunge waters are managed with a high size limit (54 inches) to provide a world class angling opportunity.

Table 1. Size limit benchmarks and management designation for Ontario muskellunge fisheries (from OMNR 1999).

		Number of Muskellunge Waters		
Minimum Size Limit	Management Designation	Lakes*	Rivers	Total
36 inches (91 cm)	High Density Fisheries	178	87	265
40 inches (102 cm)		88	6	94
44 inches (112 cm)	Enhanced Size Fisheries	2	4	6
48 inches (122 cm)		12	5	17
54 inches (137 cm)	Record Class Fisheries	20	3	23

* Does not include 2 lakes designated as catch-and-release only.

Assessment of muskellunge regulations or evaluation of muskellunge population status is often difficult. The low density of many populations and the solitary nature of the fish make muskellunge difficult to capture using traditional sampling techniques such as index netting. In addition, muskellunge are difficult to angle and traditional creel surveys do not adequately estimate muskellunge angling effort or catches.

Angler diaries have been found to be useful for specialized fisheries, such as muskellunge, where angling effort is sporadic and where catches are often low. Angler diary information is based on completed trips which produces more accurate data on catches and angling success.

There are several benefits from information being collected on a voluntary basis by dedicated anglers and interest groups. Voluntary programs are much less expensive than traditional creel surveys. Anderson and Thompson (1991) found that an angler diary program on Great Bear Lake produced comparably accurate data at only 20% of the cost of a roving creel survey. These programs also encourage angler involvement in monitoring fisheries and promote stewardship of the resource (Schultz 2001). The value of this type of information increases with the period of time it is collected. The information collected can be used to identify shifts in angling patterns, monitor trends in angling success, and evaluate biological attributes of angled fish. With muskellunge it is important to remember that information collected in this manner represents data from a specialist angler and not an average, more generalist, angler.

There have been several voluntary angler diary programs initiated for various muskellunge fisheries in Ontario over the years (Table 2). One of the first angler diary programs in Ontario commenced in 1949. Fishing guides and selected anglers in southern Georgian Bay (Severn Sound) recorded information on muskellunge angling activities of themselves and their guests over a 35 year period (1949-1984). Other early MNR angler diary sponsored programs involved the St. Lawrence River and Lake St. Clair. Muskies Canada Inc. (MCI) initiated their angler diary program in 1979 and have recorded data for the past twenty-five years.

Table 2. A summary of voluntary muskellunge angler diary programs on Ontario waters.

Year(s)	Waterbody(ies)	No. Participants	Reference
1949-84	Severn Sound (Georgian Bay)	Unknown	MNR File Data
1961	Moon River basin (Georgian Bay)	200 anglers	Dube & Rettie (1961)
1968-76	Lake St. Clair	74 anglers	Haas (1978)
1969	St. Lawrence River	1 angler	Anonymous (1978)
1970	St. Lawrence River	1 angler	Anonymous (1978)
1971	St. Lawrence River	4 anglers	Hart (1980)
1972	St. Lawrence River	1 angler	Anonymous (1978)
1974	St. Lawrence River	1 angler	Anonymous (1978)
1975	St. Lawrence River	1 angler	Anonymous (1978)
1976	St. Lawrence River	7 anglers	Anonymous (1978)
1977	St. Lawrence River	2 anglers	Anonymous (1978)
1979	Rice Lake	72 resorts	Lewis & Potter (1980)
1985-2003	Lake St. Clair	9-43 anglers	MacLennan (1996), D. McLennan & S. Powell (pers. comm.)
1986-89	Various northwestern Ontario waters	-	Younk & Cook (1991)
1988	Lake of the Woods	8 resorts	T. Mosindy (pers. comm.)
1988-90	Rideau, St. Lawrence & Ottawa Rivers	-	Penney (1991)
1989	St. Lawrence River	285 anglers	LaPan & Schiavone (1991)
1990	St. Lawrence River	11 anglers	Penney & Grant (1991)
1991	Various southeastern Ontario waters	-	Kerr (1992)
	Severn Sound (Georgian Bay)	11 anglers	MNR File Data
1992	Lac Seul	136 anglers	Foster et al. (1999)
	Various southeastern Ontario waters	33 anglers	Kerr (1993)
1993	Various southeastern Ontario waters	23 anglers	MacLean (1994)
	Lac Seul	136 anglers	Foster et al. (1999)
1994	Lac Seul	136 anglers	Foster et al. (1999)
1995-96	Lake of the Woods	16 resorts	T. Mosindy (pers. comm.)
1998	Lac Seul	136 anglers	Foster et al. (1999)
	Kawartha Lakes	43 anglers	MNR (1999)
1999	Lake of the Woods	20 resorts	T. Mosindy (pers. comm.)
2002	Lake of the Woods	-	T. Mosindy (pers. comm.)
1979-2003	Various Ontario Waters (Muskies Canada Inc. Program)	~ 530 anglers	Kerr (1996); This report

The value of muskellunge records collected voluntarily by lodge owners, guides, and anglers has been recognized in several cases. On Lake St. Clair, MacLennan (1996) concluded that information from angler diary programs made an extremely valuable

contribution to muskellunge management. On Little Green Lake, Wisconsin (Hacker 1973) reported that volunteer anglers registered more than 90% of all muskellunge which were angled over a ten year period. Duffy and Mosindy (2001) found that a volunteer angler diary program, implemented by anglers and resort owners on Lake of the Woods, provided valuable information from which to monitor the fishery and evaluate regulation changes. Similarly, Anderson and Thompson (1991) reported that information collected voluntarily by anglers and fishing resorts was reliable and accurate.

This report has been prepared to consolidate and summarize information on muskellunge fisheries derived from voluntary angler diary programs across Ontario.

Data Collection Techniques

A variety of different formats have been used in programs sponsored by the Ontario Ministry of Natural Resources (MNR). In northwestern Ontario (i.e., Lake of the Woods, Lac Seul, etc.) projects have largely involved lodge and resort owners. Creel booklets are provided to owners and fishing guides before the season and records are maintained by clients and guests. The majority of muskellunge anglers in northwestern Ontario are non-residents. In the southern portion of Ontario (i.e., Lake St. Clair, St. Lawrence River, etc.), angler diaries have been provided to known muskellunge anglers and guides who maintain records throughout the fishing season. In both instances, completed records would be mailed to MNR or picked up at the conclusion of the fishing season.

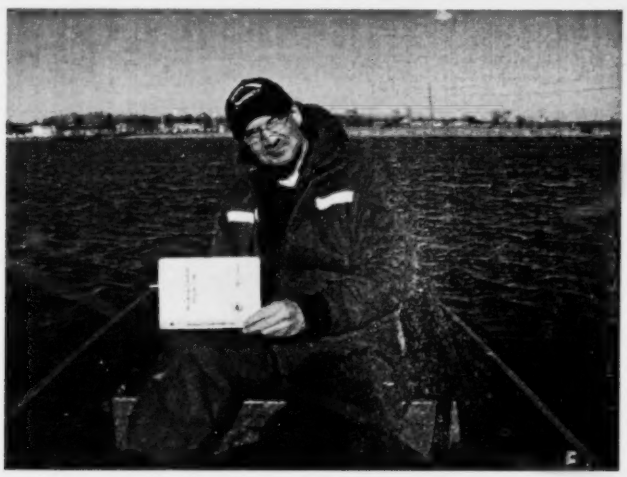

Figure 2. Volunteer angler diaries have been used for many years to collect information on Ontario's muskellunge fisheries (Authors photo).

The Muskies Canada program involved the use of two separate paper forms, the angler log and a release form, which were distributed to member anglers in different chapters of their organization. The angler log was intended to record information on a particular fishing trip. The release form was designed to capture biological information on individual fish which were caught. At the end of the fishing season, Muskies Canada members turn in completed records to their local Chapter Release Director who then provides the information to the National Release Director of their organization.

The basic information collected in either program included the number of anglers fishing, the length of time fishing, their catch (and harvest), size (length of fish), and the incidence of lymphosarcoma. Anglers participating in the MCI program also had the option to include some additional information such as type of lure used, depth of capture, sex and girth of fish, and angling technique.

Reported Angling Effort and Muskellunge Catches

A summary of reported angling effort and muskellunge catches is presented in Table 3. Information prior to 1979 is based on angler diary data for individual waters only.

The number of participants varied among programs. The MNR program on Lake of the Woods included up to 20 different fishing resorts. On Lac Seul, a total of 89 fishing parties participated in the three year program. Participants in the Lake St. Clair program ranged from 9-43 (average 24). Participation rates by MCI members has improved in recent years to the point where, in 2003, 96 individuals submitted angler diaries. This is partially attributed to the fact that 3 new chapters (Belle River, Gananoque, Sudbury) have formed since 2000.

Table 3. Angling effort and catches reported by cooperative anglers during volunteer angler diary programs in Ontario, 1960-2003. Information prior to 1979 represents only individual waterbodies.

Year	# Waters Fished	Reported Angling Effort (rod hours)	Reported Muskellunge Catch	Catch-per-unit-effort (CUE)
1960	1	1,026.50	24	0.023
1969	1	713.00	26	0.036
1970	1	756.00	41	0.054
1972	1	270.00	17	0.063
1974	1	666.00	11	0.017
1975	1	539.75	21	0.039
1976	1	2,162.50	43	0.020
1977	1	282.00	16	0.057
1979	11	1,184.50	71	0.060
1980	14	1,631.00	66	0.040
1981	25	2,365.10	103	0.044
1982	25	2,356.25	131	0.056
1983	30	3,415.00	141	0.041
1984	28	3,389.50	139	0.041
1985	25	12,377.00	585	0.047
1986	6	6,663.50	220	0.033
1987	1	6,120.00	197	0.032
1988	24	15,606.25	712	0.046
1989	22	21,185.49	959	0.045
1990	30	15,754.95	1,138	0.072
1991	27	14,749.50	876	0.059
1992	36	19,767.75	1,207	0.061
1993	26	18,884.90	1,336	0.071
1994	31	25,319.75	1,899	0.075
1995	22	33,113.90	2,082	0.063
1996	24	18,556.50	1,806	0.097
1997	26	18,259.25	1,918	0.105
1998	25	17,613.86	1,503	0.085
1999	28	34,647.53	2,059	0.059
2000	27	13,784.58	1,305	0.095
2001	34	11,256.04	1,337	0.119
2002	35	17,674.50	1,129	0.069
2003	36	9,102.75	833	0.092
1979-2003	87 different waterbodies	$\sum$ = 351,195.10	$\sum$ = 23,951	0.068 (mean)

There is a clear and distinct relationship between fishing effort by Muskies Canada members and their reported catch (Figure 3). Catches generally increased as fishing effort increased and decreased in years of reduced angling effort.

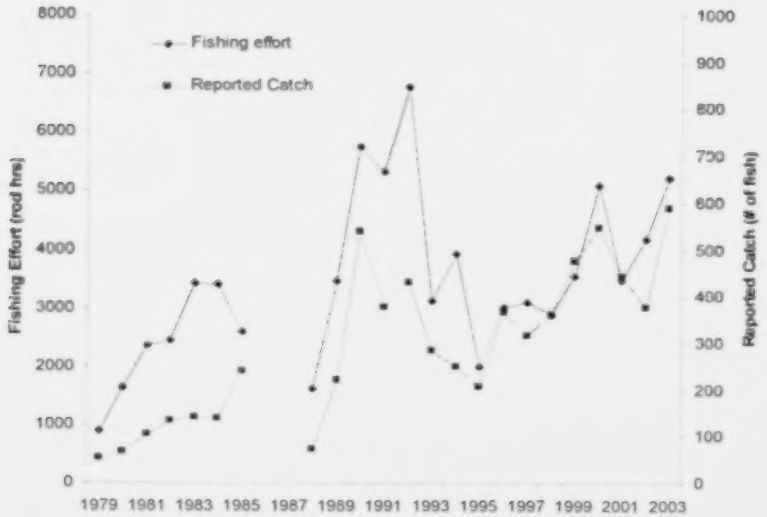

Figure 3. Angling effort and catch reported by Muskies Canada Inc. (MCI) anglers from the volunteer angler diary program, 1979-2003. Data from MNR angler diary programs are not included.

Angling Success

Angler diary information is probably most valuable to monitor long term changes in angling success (Sztramko et al. 1991, Cooke et al. 2000). Muskellunge angling success, expressed in terms of catch-per-unit-of-effort (CUE) based on a consolidation of reported effort and catch, has averaged 0.068 over the past forty years. In recent years catch rates have improved (Figure 4).

It is important to realize that this information was derived from experienced, specialized anglers who were targeting muskellunge. Angling success and the number of fish landed successfully is significantly related to an angler's muskellunge fishing experience (Foster et al. 1999). Schraeder (1989) found that angling success rates reported from "specialist" anglers or those completing volunteer diaries were often higher than average. It is doubtful if casual anglers would provide comparable data.

It is apparent that angling quality, in terms of catch-per-unit-effort has improved over the past 25 years. This is believed to have resulted from an increase in catch-and-release practices and a trend to higher minimum size limits over the past number of years.

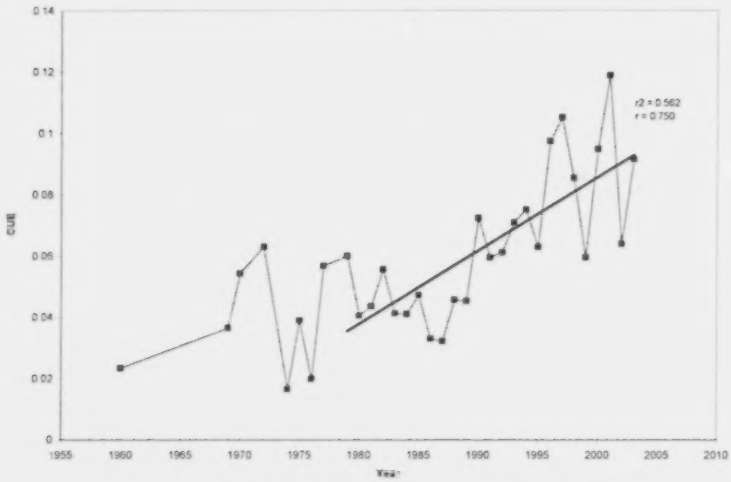

Figure 4. Angling success, expressed in terms of catch-per-unit-of-effort (CUE), reported by muskellunge anglers from various volunteer angler diary programs. Information prior to 1979 is based on individual waterbodies and has not been used in regression analysis.

Catch rates from Ontario waters are higher than reported elsewhere (Table 4). The angling catch rate for muskellunge in several Wisconsin lakes averaged 0.038 fish per hour (range 0.014-0.051) (Hanson 1986). Younk and Cook (1992) reported muskellunge catch rates averaging 0.027 fish per hour from a volunteer angler diary program in Minnesota. They also found that catch rates varied little from year to year but catch rates of legal-sized fish fluctuated considerably.

Table 4. Muskellunge catch rates from selected North American waters.

Waterbody	Muskellunge CUE[1]	Reference
Chautauqua Lake (New York)	0.012	Mooradian and Shepard (1973)[2]
Lake Pomme de Terre (Missouri)	0.015	Belusz (1978)[2]
Cave Run Lake (Kentucky)	0.017	Axon (1978)[2]
Escanaba Lake (Wisconsin)	0.0014	Hoff and Serns (1986)[4]
Pomme de Terre Lake (Missouri)	0.008-0.036	Dent (1986)[5]
Clear Fork Reservoir (Ohio)	0.021-0.035	Day and Stevenson (1989)[2]
Minnesota lakes	0.027	Younk and Cook (1992)[3]
Nine Wisconsin lakes	0.014	Hanson (1993)[2]
North Carolina rivers	0.038	Borawa (1990)[3]
Kawartha lakes (Ontario)	0.110	MNR (1999)[3]
Ontario lakes and rivers	0.068	Kerr (2004)[3]

1 Catch-per-unit-effort (CUE) expressed in terms of the number of fish caught per rod hour of angling effort.
2 Based on roving creel surveys.
3 Based on angler diary programs.
4 Based on mandatory reporting by anglers.
5 Based on a combination of roving creel surveys and volunteer angler records.

Comparisons of catch rates may vary according to the way the information was obtained. On Lake of the Woods, muskellunge catch rates derived from roving creel surveys consistently produce lower CUE estimates than did values generated from angler diary programs (T. Mosindy, pers. comm.). Conversely, on Lac Seul, muskellunge catch-per-

unit-effort (CUE) values derived from an angler diary program and roving creel survey compared favourably (MacMahon 1996).

Seasonal Distribution of Effort and Catches

Muskellunge seasons in Ontario traditionally open in June and extend through to late fall (late November-mid December). On a general basis, muskellunge angling effort peaks early in the season (i.e., June-July) and decreases toward the end of the fishing season (Table 5). Reported catches of muskellunge follow a similar trend. In recent years several anglers in Ontario have reported fishing activity for muskellunge during the month of December.

Table 5. Monthly angling effort and catches reported by volunteer anglers. Data represents a consolidation of information from Muskies Canada (1979-2003) as well as MNR angler diary programs on various waters. Some records were not included because insufficient data was recorded.

Month	Reported Angling Effort (hours)	Reported Muskellunge Catch	CUE
June	35,529.07	2,857	0.080
July	46,521.01	3,772	0.081
August	31,621.32	2,379	0.075
September	30,460.38	2,310	0.076
October	28,898.54	2,019	0.070
November	6,780.30	553	0.082
December	368.00	39	0.106

Muskellunge angling activity and success often varies seasonally. For nine Wisconsin lakes, Hanson (1993) reported the greatest angling effort occurred in June and July. In a 1998 survey of the Kawartha lakes, Ontario, muskellunge angling trips were largely restricted to either June or September (MNR 1999). Several researchers have reported that muskellunge catch rates are greatest in the fall (Younk and Cook 1992, Duffy and Mosindy 2001). On Lake Okoboji, Iowa, muskellunge were found to be most vulnerable to angling in the late summer and early fall (Miller and Menzel 1986). These observations were attributed partially, at least, to the fact that predominantly experienced muskellunge anglers fish during that period of the year

Release Rates

Most muskellunge anglers are strong proponents for the catch-and-release ethic (Gasbarino 1986). Muskies Canada Inc. and Muskies Inc. are believed to have been among the first organizations to promote public release programs for muskellunge. To many muskellunge anglers the decision to keep a fish depends on whether the fish is considered to be a trophy and/or whether the fish will survive upon release.

Release rates by muskellunge anglers in Ontario appear to have increased over the past twenty-five years. Overall, based on records for 20,237 fish, an average of 98.0% were reportedly released after their capture (Table 6). Similar observations have been reported for muskellunge in other jurisdictions (Richards and Ramsell 1986).

Data from the 2000 recreational fishing survey indicated that 97.2% of angled muskellunge were released (Department of Fisheries and Oceans 2003). That survey also suggested that retention rates were higher for Ontario residents compared to non-residents. Younk and Cook (1992) reported a release rate of 98.3% (N=1,745 fish) after a four year study of muskellunge anglers in Minnesota, Wisconsin, and Ontario. In a 1990 muskellunge creel survey on the St. Lawrence River, MacMahon (1991) reported that over 90% of the anglers who were questioned indicated that they usually released their muskellunge catches. Based on a 1998 muskellunge angler diary program in the Kawartha lakes, Ontario, the reported release rate was 99.2% (N=649 fish) (MNR 1999).

Table 6. Release rates reported by muskellunge anglers during voluntary angler diary programs, 1979-2003.

Year	% of Released Fish	Sample Size (No. Fish)
1979	94.2%	104
1980	83.3%	66
1981	82.7%	104
1982	91.6%	131
1983	93.6%	141
1984	93.5%	139
1985	94.9%	585
1986	90.0%	220
1987	95.4%	197
1988	94.4%	712
1989	94.9%	959
1990	97.5%	1,138
1991	98.7%	867
1992	98.7%	1,112
1993	98.5%	1,298
1994	98.8%	1,899
1995	99.2%	1,902
1996	99.2%	1,459
1997	99.1%	1,601
1998	99.3%	1,096
1999	99.7%	1,590
2000	97.9%	763
2001	99.7%	899
2002	99.5%	766
2003	97.7%	511
1979-2003	98.0%	20,237

Release rates appear to depend on whether anglers are members of musky clubs or if they are considered "generalist" anglers. In Wisconsin, Margenau and Petchenik (2004) found that over 90% of anglers who targeted muskellunge released their catch compared to 58% of more generalist anglers who perhaps caught a muskellunge incidentally while fishing for other fish species. Increasingly higher minimum size limits for muskellunge in Ontario have probably also been a factor in an increase in release rates.

Catch-and-release practices contribute to the maintenance of healthy muskellunge stocks and quality fisheries. Dent (1986) found that the voluntary release

of muskellunge was a major factor in sustaining the Pomme de Terre, Missouri, fishery in spite of increased fishing pressure. Cornelius and Margenau (1999) concluded that an increase in voluntary catch-and-release practices by anglers contributed to increased size and abundance of muskellunge in Bone Lake, Wisconsin. Simonson and Hewett (1999) noted that, without voluntary release of legal-sized fish, angler harvest would have exceeded levels required to sustain Wisconsin's muskellunge fishery.

Figure 5. Muskellunge anglers take great care in releasing their catches. In this photo, MCI angler Hedrik Wachelka unhooks an Ottawa River muskellunge without removal of the fish from the water (Photo by Michael Butler).

Size of Angled Muskellunge

There was no obvious trend in the mean size of muskellunge angled during the past 25 year period (Table 7). Based on a sample size of 8,377 fish, the overall mean size of angled muskellunge was 36.9 inches. The smallest average size (for waters where over 20 fish were measured) was from the Jock River where angled muskellunge had a mean length of 30.2 inches (N=44). The largest average catch came from Lake Couchiching (43.4 inches, N=40). All of the Lake Couchiching catches were reported during the 1980s. Other waters having a large average-sized catch (41.2 inches) were the St. Lawrence River and Georgian Bay. The largest muskellunge reported from Ontario in any given year always exceeded 50 inches in length.

These values, once again, reflect the quality of Ontario's muskellunge fisheries. Younk and Cook (1992) found that the mean size of angled muskellunge from volunteer angler diary programs in Minnesota was 33.9 inches in total length (N=1,745). In Wisconsin, Hanson (1986) reported that 60% of the muskellunge catch was less than 34 inches in length and less than 8% of fish caught exceeded 40 inches.

Table 7. Size of angled muskellunge reported by anglers during volunteer angler diary programs in Ontario, 1979-2003. Information prior to 1979 has not been included because of small sample sizes.

	Sample Size			
Year	# of Waterbodies	# of Fish	Mean Size of Catch (inches)	Largest Fish (Inches)
1979	9	414	38.2	56.0
1980	10	471	38.0	52.9
1981	20	101	36.0	53.1
1982	17	210	37.0	53.0
1983	20	169	39.5	54.5
1984	12	117	36.5	51.5
1985	15	168	36.2	50.5
1986	19	274	35.2	53.5
1987	8	106	34.9	51.0
1988	8	240	38.3	53.0
1989	11	121	34.8	53.0
1990	17	267	36.4	55.5
1991	12	204	37.7	55.5
1992	16	218	37.8	57.0
1993	16	237	38.3	56.6
1994	21	232	41.1	53.0
1995	19	242	34.9	53.0
1996	24	602	35.9	54.0
1997	19	309	35.3	54.0
1998	18	359	38.5	55.0
1999	23	1,215	37.5	54.5
2000	21	534	37.9	53.5
2001	22	428	34.6	52.0
2002	27	812	34.6	54.0
2003	31	398	37.9	58.5
1979-2003 Summary	63 different waterbodies	8,448 fish	36.9 (mean)	58.5 (largest fish reported)

Many anglers seek muskellunge for the opportunity to capture a trophy-sized fish. The size of fish considered to be a "trophy" varies among anglers, however. Margenau and Petchenik (2004) reported that muskellunge anglers in Wisconsin considered a trophy muskellunge to be at least 40 inches long. After a review of MCI angler log data, Kerr (1996) concluded that southern Ontario muskellunge anglers generally deemed a trophy fish as one exceeding 44-45 inches in length. In a survey of muskellunge anglers in Wabigoon Lake, Sein (1991) found that some anglers considered fish over 45 inches as a trophy while others responded that they considered a trophy muskellunge as a fish exceeding 50 inches in length.

There can be little doubt that Ontario offers numerous opportunities to catch a trophy-sized muskellunge (Figure 6). Based on data presented in this report there are at least 25 waters where fish over 40 inches in length have been reported and there are an additional 23 waters where muskellunge greater than 50 inches in length have been documented. There is at least one waterbody from which fish, exceeding 60 inches in length, have been reported. In a 1996 survey, 69.6% of respondents indicated that they felt the next world record muskellunge would be caught in Ontario waters (Sandell 1996).

Figure 6. Ontario has many waters which produce trophy muskellunge. These anglers caught this 55 inch muskellunge in the Ottawa River during September, 2003 (Muskies Canada photo).

Incidence of Lymphosarcoma

Lymphosarcoma is a malignant blood cancer which is highly contagious. The disease is associated with the skin and is manifested by skin lesions and tumours (Figures 7 and 8). Although some superficial lesions may regress, the tumour usually results in the death of the fish. Sonstegard and Hnath (1978) reported that lymphosarcoma may infect as high as 16% of feral populations of muskellunge.

Members of Muskies Canada Inc. have monitored the incidence of lymphosarcoma on angled muskellunge over the past twenty-five year period (1979-2003). Generally, the incidence of this disease is relatively low (~2%) in Ontario (Table 8).

Table 8. Incidence of lymphosarcoma reported from muskellunge angled by Muskies Canada Inc. members, 1979-2003.

Year(s)	Number of Fish Examined	Number of Infected Fish (% of total)
1979-94	2,468	47 (1.9%)
1995	168	5 (3.0%)
1996	195	3 (1.5%)
1997	280	10 (3.6%)
1998	470	11 (2.3%)
1999	511	9 (1.8%)
2000	417	17 (4.1%)
2001	315	8 (2.5%)
2002	316	11 (3.5%)
2003	442	5 (1.1%)
1979-2003	5,582	126 (2.3%)

Figure 7. Advanced tumour on a 36 inch muskellunge caught in Pigeon Lake, Ontario (Photo by John McBride).

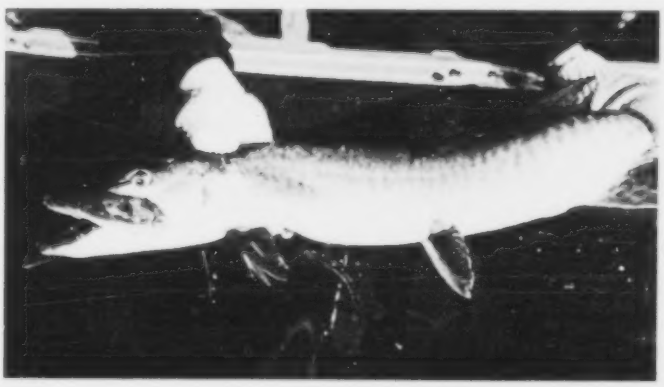

Figure 8. A muskellunge from Lake Scugog with a typical lymphosarcoma tumour in the buccal area (Photo by Dr. Nick Jones).

Recommendations for Future Programs

Based on a review of various volunteer muskellunge angler programs in Ontario, several recommendations are offered for future projects:

1. **Continue to utilize volunteer angler diary programs to obtain information on Ontario's muskellunge fisheries**. These types of projects provide a cost-effective means of involving dedicated anglers, fishing guides, and resort/lodge owners to collect valuable information on these specialized fisheries.

2. **Encourage Muskies Canada Inc. to continue their angler diary program.** MNR should continue to support MCI by encouraging greater member participation in the program. The use of promotions or rewards could be considered to improve participation. MNR should endeavour to provide an annual summary of results shortly after information is received from MCI.

3. **Stress the importance of completing angler diary records completely and properly.** The potential weaknesses with the use of any self-reporting program are biases in the data (Pollock et al. 1994, Cooke et al. 2000). It is crucial for participating anglers to complete records of fishing activities for both successful and unsuccessful trips. Perhaps a check box could be added for unsuccessful trips. Angling effort should be rounded off to the nearest 15 minutes (1/4 hour). A calendar could be added to the angler diary to assist in recording the correct date. Anglers should be encouraged to complete their logs at the conclusion of their fishing trip in order to prevent recall bias.

4. **Expand efforts to collect and record biological information from angled muskellunge.** There are many instances in this data set where angler effort and catch data were recorded but biological information (e.g., length, sex, incidence of lymphosarcoma, etc.) was not reported. Future angler diary programs should emphasize the importance of collecting this information.

5. **Develop a standardized muskellunge angler diary which can be used provincially.** It is recommended that diaries be developed centrally and distributed to Muskies Canada Inc. members as well as MNR field staff who are planning a volunteer angler diary project. Diaries should be waterproof and durable so that they can be carried and stored in a boat. Booklet style diaries have been found to be the most durable and successful (Cooke et al. 2000). Mandatory information should be identified but there should be provision made for additional data or anecdotal information which may be of local interest. Forms should be easily understood and quick to complete. Diaries should be returned to anglers as a keepsake of personal activities.

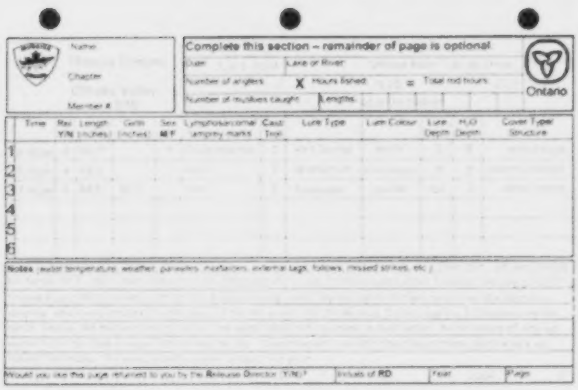

Figure 9. Standard angler diary card recently developed jointly by the Ontario Ministry of Natural Resources and Muskies Canada Inc. for use in their angler diary program. Record forms are produced on waterproof paper and inserted into a small, plasticized binder (Photo by Michael Butler).

6. **Continue to treat information from individual angler diaries on a confidential basis.** Many muskellunge anglers are secretive about their angling activities and therefore may not wish to participate in an angler diary program. Participating anglers should be assured that efforts are made to ensure that their personal records will remain confidential.

7. **Encourage muskellunge anglers to contribute cleithrum to the Cleithrum Project.** While the practice of catch-and-release angling is encouraged and supported, it is important that the cleithrum and associated biological information be provided to the Cleithrum Project for muskellunge which are harvested or those which are found dead.

Acknowledgements

This information was recorded on a volunteer basis by many anglers and members of Muskies Canada Inc. Victor Beacham, MCI Research Director, is thanked for collecting and submitting angler logs. Patty Sullivan, assisted in the tabulation of angler log data. Tom Mosindy, Ministry of Natural Resources, Kenora, provided data from muskellunge angler diary programs on Lake of the Woods. Stan Powell and Don MacLennan, Ontario Ministry of Natural Resources, Wheatley, provide data from muskellunge angler diary programs on Lake Erie, Lake St. Clair, Detroit and St. Clair rivers. Chris Sommerville, editor of the MCI Release Journal, is gratefully acknowledged for providing many of the muskellunge photos used in this report. Michael Butler also supplied photos and provided useful editorial comments on an earlier draft of this report.

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Stan Powell. Lake Erie Management Unit. Ontario Ministry of Natural Resources. Wheatley, Ontario.

APPENDIX 1. Selected photos of muskellunge from various Ontario waters.

Photo 1. Angler Bruce Morrow with a Rideau River muskellunge (Muskies Canada photo).

Photo 2. Rick Weatherill (Muskies Canada, Hamilton Chapter) with a 48 inch (length) x 24 inch (girth) muskellunge angled from the Niagara River in 2002 (Muskies Canada photo).

Photo 3. Angler Ross Allan holds a 50 x 24 inch muskellunge angled (and released) from Stoco Lake in November 2002 (Muskies Canada photo).

Photo 4. Greg Reynolds holding a 51 x 27 inch muskellunge angled from the St. Lawrence River in November 2003. (Muskies Canada photo).

Photo 5. MCI angler Rob Howitt holding a tiger muskellunge from Balsam Lake (Muskies Canada photo).

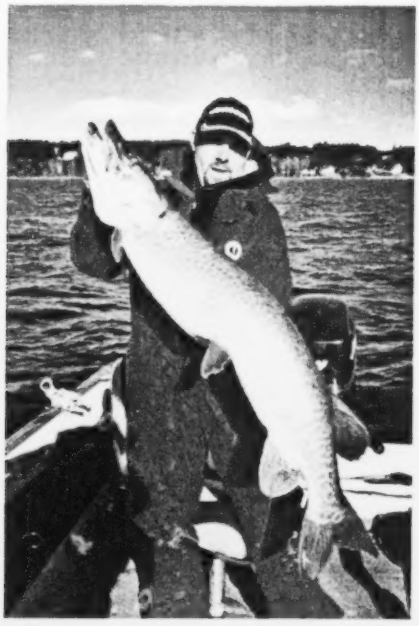

Photo 6. Dan Leclair with a 56 x 23 inch muskellunge angled from the lower Ottawa River (Muskies Canada photo).

Photo 7. Proud anglers Dave Drewek and Bill Maertens holding a muskellunge angled from Lake St. Clair (Muskies Canada photo). The fish measured 51 inches in length and weighed 40 pounds 11 ounces.

Photo 8. Elaine Poirer with a 56 x 23 inch muskellunge she angled from the lower Ottawa River (Muskies Canada photo).

Photo 9. Jamie Bonang with a 47 inch (30 pound) muskellunge taken from Shoal Lake in northwestern Ontario (MNR photo).

Photo 10. Bill Poulos (Muskies Canada, Gananoque Chapter) with a 42 inch muskellunge angled from the Moira River (Muskies Canada photo).

Photo 11. Matt Ford (Muskies Canada, Kitchener-Waterloo Chapter) holding a 53½ x 22 inch Georgian Bay muskellunge (Muskies Canada photo).

Photo 12. Bill Van Voorden (Muskies Canada, Toronto Chapter) holding a 52 x 20 inch muskellunge angled from the French River (Muskies Canada photo).

Photo 13. Suzanne and Matt Lee with a 44½ inch muskellunge angled from the Ottawa River (Muskies Canada photo).

Photo 14. Andy McKee with a 45½ inch (26 pound) muskellunge from the Saugeen River in southwestern Ontaric (MNR photo).

Photo 15. Angler Aaron Shirley with a 52 inch muskellunge angled from the Niagara River (Muskies Canada photo).

Photo 16. Jason Bueie with a 50 x 24 inch muskellunge from the upper Ottawa River (Muskies Canada photo).

Photo 17. Mark Bartlett with a 50 inch muskellunge angled from the Trent River (Muskies Canada photo).

Photo 18. Chuck Boyd with a 52 x 22 inch muskellunge angled from Pigeon Lake (Muskies Canada photo).

APPENDIX 2. Volunteer muskellunge angler records for individual Ontario waterbodies.

Waterbody – **Bald Lake**
Township(s) – Harvey County – Peterborough
Latitude - 44° 34' Longitude – 78° 23' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	15.00	0	0	0.000	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	30.50	7	-	0.229	32.1 (7)	37.0
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	9.00	1	-	0.111	33.0 (1)	33.0
Summary	54.50	8	0	0.147	32.3 (8)	37.0

Waterbody – **Balsam Lake**
Township(s) - Bexley and Fenelon County – Victoria (City of Kawartha Lakes)
Latitude - 44° 35' Longitude - 78° 50' Angling Division – 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (N)	Largest Fish
1979	-	-	-	-	-	-
1980	43.00	1	0	0.023	-	-
1981	-	1	0	-	26.0 (1)	26.0
1982	100.75	9	0	0.089	36.8 (8)	46.0
1983	375.50	19	0	0.051	34.2 (25)	51.0
1984	461.00	17	5	0.037	37.9 (18)	48.5
1985	89.00	5	0	0.056	37.5 (10)	45.0
1986	-	-	-	-	38.8 (10)	50.0
1987	-	-	-	-	43.1 (5)	51.0
1988	67.50	4	0	0.059	37.6 (1)	37.6
1989	76.00	8	1	0.105	30.3 (3)	34.0
1990	70.50	4	0	0.057	28.6 (4)	34.0
1991	39.00	5	0	0.128	35.1 (7)	43.0
1992	3.00	0	0	0.000	38.0 (1)	38.0
1993	4.00	0	0	0.000	-	-
1994	16.00	3	0	0.188	41.3 (3)	48.0
1995	11.00	1	0	0.090	31.0 (1)	31.0
1996	-	-	-	-	-	-
1997	38.00	5	-	0.132	35.3 (5)	42.5
1998	37.50	2	-	0.053	31.8 (2)	34.5
1999	-	-	-	-	-	-
2000	14.00	1	-	0.071	26.0 (1)	26.0
2001	68.50	2	-	0.029	44.0 (2)	51.0
2002	98.80	8	-	0.081	31.3 (8)	37.0
2003	95.00	10	-	0.200	36.4 (10)	45.0
Summary	1,708.05	105	6	0.061	35.9 (125)	51.0

Waterbody – **Baptiste Lake**
Township(s) – Hershel County – Hastings
Latitude – 45° 07' Longitude – 78° 03' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	41.50	1	0	0.024	38.5 (1)	38.5
1982	4.00	0	0	0.000	34.0 (1)	34.0
1983	16.50	1	0	0.061	-	-
1984	13.00	0	0	0.000	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	39.0 (1)	39.0
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	44.00	3	-	0.068	33.8 (3)	36.5
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	35.00	6	-	0.171	40.1 (8)	45.0
Summary	154.00	11	0	0.071	38.1 (14)	45.0

Waterbody – **Bass Lake**
Township(s) – Galway County – Peterborough
Latitude - 44° 41 ' Longitude – 78° 32' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	36.2 (3)	46.0
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	34.0 (4)	40.0
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	-	-	-	-	34.9 (7)	46.0

Waterbody – **Bay of Quinte (Lake Ontario)**
Counties – Addington, Hastings & Prince Edward
Latitude - 44° 09' Longitude – 77° 15' Angling Division - 8

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	5.00	0	0	0.000	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	25.00	0	0	0.000	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	30.00	0	0	0.000	-	-

Waterbody – **Beaver Creek**
Township(s) – Marmora & Lake County – Hastings
Latitude - 44° 30' Longitude – 78° 42' Angling Division - 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	2.00	0	0	0.000	-	-
1983	6.00	1	0	0.167	-	-
1984	8.00	2	0	0.250	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	19.00	3	0	0.158	-	-
1993	27.00	4	0	0.148	-	-
1994	4.50	1	0	0.222	32.0 (1)	32.0
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	66.50	11	0	0.165	32.0 (1)	32.0

Waterbody – **Belmont Lake**
Township(s) – Harcourt County – Haliburton
Latitude - 44° 31' Longitude – 77° 49' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	3.00	0	0	0.000	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	3.00	0	0	0.000	-	-

Waterbody – **Benoir Lake**
Township(s) – Harcourt County – Haliburton
Latitude - 45° 11' Longitude – 78° 09' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	19.00	2	0	0.105	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	19.00	2	-	-.105	-	-

Waterbody – **Big Cedar Lake**
Township(s) – Burleigh County – Peterborough
Latitude - 44° 36' Longitude – 78° 10' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	11.25	7	0	0.622	38.9 (7)	46.0
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	11.25	7	0	0.622	38.9 (7)	46.0

Waterbody – **Bonnechere River**
Township(s) – Horton County – Renfrew
Latitude - 45° 31' Longitude – 76° 33' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	29.50	2	0	0.068	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	29.50	2	0	0.068	-	-

Waterbody – **Buckhorn Lake**
Township(s) – Harvey County – Peterborough
Latitude - 44° 29' Longitude – 78° 23' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	144.0	11	0	0.076	41.0 (11)	47.5
1980	32.50	7	1	0.215	39.2 (9)	52.0
1981	34.00	3	0	0.088	35.7 (3)	46.0
1982	80.00	5	1	0.063	36.2 (13)	48.0
1983	250.50	10	0	0.040	30.9 (14)	38.5
1984	213.00	18	0	0.085	38.5 (4)	43.0
1985	24.00	7	0	0.292	36.8 (2)	37.0
1986	5.00	1	0	0.200	35.6 (4)	37.5
1987	-	-	-	-	-	-
1988	79.00	5	0	0.063	28.1 (5)	42.5
1989	42.00	2	0	0.048	-	-
1990	26.50	8	0	0.302	33.3 (6)	38.0
1991	31.00	1	0	0.032	30.3 (3)	35.0
1992	5.00	3	0	0.600	-	-
1993	10.00	2	0	0.200	37.0 (1)	37.0
1994	-	-	-	-	35.9 (4)	37.0
1995	49.80	4	-	0.080	35.8 (4)	39.0
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	21.50	1	-	0.047	32.0 (1)	32.0
1999	13.30	4	-	0.301	33.0 (4)	35.0
2000	70.50	3	-	0.043	37.8 (3)	44.0
2001	51.30	6	-	0.117	33.4 (6)	41.0
2002	101.30	17	-	0.168	33.9 (17)	47.0
2003	119.75	10	2	0.100	34.7 (11)	40.0
Summary	1,403.95	130	2	0.093	35.0 (125)	52.0

Waterbody – **Cameron Lake**
Township(s) – Fenelon County – Victoria (City of Kawartha Lakes)
Latitude - 44° 33' Longitude – 78° 46' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	7.00	2	0	0.286	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	28.50	10	0	0.351	33.1 (10)	39.0
1991	150.00	18	0	0.120	34.1 (12)	44.5
1992	173.00	30	0	0.173	33.1 (11)	42.0
1993	81.00	23	0	0.284	33.8 (18)	49.0
1994	74.00	7	0	0.095	-	-
1995	37.50	4	-	0.107	24.0 (4)	30.0
1996	42.00	2	-	0.048	23.0 (2)	26.0
1997	16.00	3	-	0.188	33.5 (3)	39.5
1998	8.50	1	-	0.118	34.0 (1)	34.0
1999	-	-	-	-	-	-
2000	27.50	5	-	0.182	33.6 (5)	41.0
2001	54.50	2	-	0.037	35.5 (2)	37.0
2002	34.50	3	-	0.087	38.7 (2)	45.0
2003	23.50	3	-	0.128	36.7 (3)	41.0
Summary	757.50	113	0	0.149	33.1 (73)	49.0

Waterbody – **Canal Lake**
Township(s) – Eldon & Carden County – Victoria
Latitude - 44° 34' Longitude – 79° 03' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	21.00	0	0	0.000	-	-
1984	-	-	-	-	-	-
1985	11.00	0	0	0.000	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	23.50	3	2	0.128	-	-
1991	7.00	1	0	0.143	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	7.00	0	0	0.000	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	69.50	4	2	0.058	-	-

Waterbody – **Chalk River**
Township(s) – Buchanan County – Renfrew
Latitude - 46° 01 ' *Longitude* – 77° 27' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	13.0	1	-	0.077	35.5 (1)	35.5
2003	-	-	-	-	-	-
Summary	13.0	1	-	0.077	35.5 (1)	35.5

Waterbody – **Chemong Lake**
Township(s) – Ennismore & Smith County – Peterborough
Latitude - 44° 24' Longitude – 78° 24' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	248.25	15	1	0.060	36.7 (15)	48.5
1980	115.50	10	1	0.087	34.6 (8)	47.0
1981	51.00	4	1	0.078	36.8 (4)	45.0
1982	180.75	15	1	0.083	32.1 (15)	42.0
1983	48.50	1	1	0.021	31.3 (4)	40.0
1984	22.00	1	0	0.045	-	-
1985	136.00	23	2	0.169	47.5 (2)	50.5
1986	5.00	0	0	0.000	32.6 (5)	40.0
1987	-	-	-	-	-	-
1988	3.50	0	0	0.000	-	-
1989	-	-	-	-	-	-
1990	36.00	5	0	0.139	35.3 (7)	41.0
1991	88.00	13	0	0.148	34.9 (12)	45.0
1992	32.00	5	0	0.156	33.0 (2)	35.0
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	28.00	4	-	0.143	37.5 (4)	44.0
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	5.00	0	-	0.000	-	-
2001	13.50	1	-	0.074	36.0 (1)	36.0
2002	-	-	-	-	-	-
2003	22.00	1	-	0.045	46.0 (1)	46.0
Summary	1,035.00	98	7	0.095	35.0 (80)	50.5

Waterbody – **Clear Lake**
Township(s) – Burleigh County – Peterborough
Latitude - 44° 30' Longitude – 78° 12' Angling Division – 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	5.00	2	0	0.400	33.0 (2)	34.0
1982	-	-	-	-	-	-
1983	12.00	0	0	0.000	-	-
1984	3.00	0	0	0.000	40.5 (1)	40.5
1985	5.00	1	0	0.200	-	-
1986	-	-	-	-	36.0 (8)	47.0
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	14.00	1	0	0.071	41.0 (1)	41.0
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	32.00	5	-	0.156	35.0 (5)	45.0
1997	60.00	10	-	0.167	34.0 (10)	42.5
1998	192.30	9	-	0.047	39.5 (9)	49.0
1999	18.50	3	-	0.162	38.0 (3)	40.5
2000	67.50	3	-	0.044	36.0 (3)	38.0
2001	17.00	1	-	0.059	32.0 (1)	32.0
2002	8.00	1	-	0.125	43.0 (1)	43.0
2003	-	-	-	-	-	-
Summary	434.30	36	0	0.083	36.4 (44)	49.0

Waterbody – **Collins Lake**
Township(s) – Kingston & Storrington County – Frontenac
Latitude - 44° 21' Longitude – 76° 27' Angling Division - 9

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	3.00	1	0	0.333	33.0 (1)	33.0
1982	4.50	2	0	0.444	38.5 (2)	42.0
1983	16.00	3	0	0.188	39.2 (3)	43.5
1984	-	-	-	-	-	-
1985	11.50	9	0	0.783	34.3 (9)	43.0
1986	-	-	-	-	33.3 (30)	45.0
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	35.00	15	0	0.429	34.1 (45)	45.0

Waterbody – **Contau Lake**
Township(s) – Glamorgan County – Haliburton
Latitude - 44° 53' Longitude – 78° 26' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	13.00	0	0	0.000	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	13.00	0	0	0.000	-	-

Waterbody – **Corry Lake**
Township(s) – Buchanan County – Renfrew
Latitude - 46° 00' Longitude – 77° 26' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	12.00	0	0	0.000	-	-
1991	0.50	0	0	0.000	-	-
1992	40.00	4	0	0.100	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	52.50	4	0	0.076	-	-

Waterbody – **Crane Lake**
Township(s) – Conger County – Parry Sound
Latitude - 45° 13' Longitude – 77° 26' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	6.00	1	0	0.167	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	6.00	1	0	0.167	-	-

Waterbody – **Crowe Lake/River**
Township(s) – Mamora & Belmont County – Hastings & Peterborough
Latitude - 44° 29' Longitude – 77° 44' Angling Divisions – 6 and 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	24.00	1	0	0.042	28.0 (1)	28.0
1982	62.50	1	0	0.016	36.7 (3)	40.0
1983	13.00	1	0	0.077	35.0 (2)	42.0
1984	14.50	0	0	0.000	-	-
1985	153.50	12	0	0.078	33.4 (9)	42.0
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	179.50	33	0	0.184	34.8 (28)	52.5
1993	135.50	50	1	0.369	34.7 (49)	46.0
1994	134.50	21	0	0.156	34.2 (33)	45.0
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	5.00	0	0	0.000	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	722.00	119	1	0.165	34.5 (125)	52.5

Waterbody – **Dalrymple Lake**
Township(s) – Carden County – Victoria (City of Kawartha Lakes)
Latitude - 44° 38' Longitude – 79° 07' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	6.00	1	0	0.167	-	-
1980	11.00	0	0	0.000	-	-
1981	-	-	-	-	-	-
1982	20.00	0	0	0.000	-	-
1983	56.00	0	0	0.000	-	-
1984	17.00	0	0	0.000	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	13.00	0	0	0.000	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	123.00	1	0	0.008	-	-

Waterbody – **Detroit River**
Township(s) – Sandwich West, Anderdon and Malden County – Essex
Latitude - 42° 03' Longitude – 83° 09' Angling Division - 3

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985*	7.00	1	0	0.143	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997**	112.75	20	0	0.177	-	-
1998**	150.00	20	0	0.133	-	-
1999**	63.00	5	0	0.079	-	-
2000**	26.75	13	0	0.486	-	-
2001**	136.67	29	1	0.212	-	-
2002***	249.50	33	0	0.132	-	-
2003**	151.83	31	0	0.204	-	-
Summary	897.50	152	1	0.169	-	-

* Data from MCI angler diary program.
** Data from the Lake St. Clair angler diary program.
*** Data from the Lake St. Clair and MCI angler diary programs.

Waterbody – **Dodd Lake**
Township(s) – Servos & Hoskins County – Sudbury District
Latitude - 46° 12' Longitude – 80° 42' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	6.00	0	0	0.000	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	4.00	0	0	0.000	-	-
Summary	10.00	0	0	0.000	-	-

Waterbody – **Dows Lake**
Township – City of Ottawa County – Regional Muncipality of Ottawa-Carleton
Latitude - 45° 23' Longitude – 75° 42' Angling Division - 9

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	25.00	6	-	0.240	32.3 (6)	41.0
1996	64.50	15	-	0.233	33.0 (15)	43.0
1997	57.50	12	-	0.209	34.1 (12)	42.0
1998	25.50	4	-	0.157	37.0 (4)	38.0
1999	36.50	5	-	0.137	33.8 (5)	38.0
2000	23.50	4	-	0.170	31.9 (4)	33.0
2001	45.50	10	-	0.220	36.4 (10)	40.0
2002	54.50	3	-	0.055	40.7 (3)	41.0
2003	46.75	8	-	0.171	38.7 (8)	45.0
Summary	379.25	67	-	0.177	34.9 (67)	45.0

Waterbody – **Elephant Lake**
Township(s) – Harcourt County – Haliburton
Latitude - 45° 08' Longitude – 78° 08' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	23.00	0	0	0.000	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	49.00	2	0	0.041	-	-
1990	9.00	4	0	0.444	33.0 (4)	38.0
1991	-	-	-	-	-	-
1992	3.00	1	0	0.333	-	-
1993	136.50	7	0	0.513	36.6 (13)	47.0
1994	48.00	2	0	0.042	39.7 (3)	40.5
1995	-	-	-	-	-	-
1996	46.00	15	-	0.326	33.1 (15)	42.0
1997	111.00	9	-	0.081	33.4 (9)	36.0
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	103.00	6	-	0.058	35.4 (6)	39.0
2001	7.00	1	-	0.143	37.5 (1)	37.5
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	535.50	47	0	0.088	34.8 (1)	47.0

Waterbody – **Fishog (Fish Hawk) Lake**
Township(s) – Digby County – Victoria (City of Kawartha Lakes)
Latitude - 44° 47' Longitude – 78° 53' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	16.00	0	0	0.000	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	18.00	2	-	0.111	30.0 (2)	32.0
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	34.00	2	-	0.059	30.0 (2)	32.0

Waterbody – **French River**
County – Sudbury and Parry Sound Districts
Latitude - 45° 56' Longitude – 80° 54' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	18.00	0	0	0.000	-	-
1981	-	-	-	-	-	-
1982	35.00	0	0	0.000	-	-
1983	57.00	0	0	0.000	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	136.25	8	1	0.059	41.0 (9)	52.0
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	22.00	2	0	0.091	-	-
1993	-	-	-	-	-	-
1994	49.00	0	0	0.000	43.0 (1)	43.0
1995	97.00	0	0	0.000	-	-
1996	64.00	0	0	0.000	-	-
1997	129.50	2	0	0.015	34.0 (2)	36.0
1998	40.00	0	0	0.000	-	-
1999	-	-	-	-	-	-
2000	93.00	0	0	0.000	-	-
2001	59.80	0	0	0.000	-	-
2002	46.10	1	0	0.022	46.0 (1)	46.0
2003	174.75	6	-	0.034	41.0 (6)	52.0
Summary	1,021.40	19	1	0.019	40.6 (19)	52.0*

* A 59 inch muskellunge was angled from the French River in 1917 (Ramsell 1997).

Waterbody – **Georgian Bay (Blackstone Harbour)**
County – Parry Sound District
Latitude - 45° 09' Longitude – 79° 59' Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	4.00	0	0	0.000	-	-
2003	7.00	0	0	0.000	-	-
Summary	11.00	0	0	0.000	-	-

Waterbody – **Georgian Bay (Gloucester Pool)**
Township(s) – Baxter County – Muskoka
Latitude - 44° 51' Longitude – 79° 42' Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	56.00	1	0	0.018	-	-
1983	15.00	0	0	0.000	-	-
1984	-	-	-	-	-	-
1985	76.00	2	0	0.026	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	6.00	2	1	0.333	-	-
1994	10.00	0	0	0.000	-	-
1995	40.00	0	0	0.000	-	-
1996	4.50	1	-	0.222	38.0 (1)	38.0
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	3.00	1	-	0.333	33.0 (1)	33.0
2001	-	-	-	-	-	-
2002	25.00	4	-	0.160	41.0 (4)	47.0
2003	24.00	1	-	0.042	42.0 (1)	42.0
Summary	259.50	12	1	0.046	39.6 (7)	47.0

Waterbody – **Georgian Bay (Honey Harbour)**
County – Muskoka
Latitude - 44° 52' Longitude – 79° 49' Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	274.00	10	-	0.036	39.1 (10)	48.5
1996	245.00	2	-	0.008	48.8 (2)	50.5
1997	95.00	0	-	0.000	-	-
1998	67.00	1	-	0.015	36.0 (1)	36.0
1999	53.00	1	-	0.019	34.0 (1)	34.0
2000	339.00	2	-	0.006	46.0 (2)	50.0
2001	74.25	0	-	0.000	-	-
2002	74.00	0	-	0.000	-	-
2003	30.00	0	-	0.00	-	-
Summary	1,251.25	16	-	0.013	40.7 (16)	50.0

Waterbody – **Georgian Bay (McGregor Bay)**
County/District – Manitoulin
Latitude - 46° 05' Longitude – 81° 40' Angling Division - 17

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-		-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	61.00	0	0	0.000	-	-
1998	67.00	0	0	0.000	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	60.00	0	0	0.000	-	-
2002	156.50	4	-	0.026	49.5 (4)	52.0
2003	153.00	0	-	0.000	-	-
Summary	497.50	4	0	0.008	49.5 (4)	52.0

Waterbody – **Georgian Bay (Magnetewan Bay)**
County – Parry Sound District
Latitude - 45° 43' Longitude – 80° 15' Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	65.00	3	-	0.046	39.7 (3)	44.0
2001	29.00	0	-	0.000	-	-
2002	115.00	6	-	0.052	41.2 (5)	45.0
2003	-	-	-	-	-	-
Summary	209.00	9	-	0.043	40.6 (8)	45.0

Waterbody – **Georgian Bay (Moon River Basin)**
County – Parry Sound District
Latitude - 45° 07' Longitude – 79° 58' Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1960*	1,026.5	24	-	0.233	39.6 (Unknown)	50.5
1979	-	-	-	-	-	-
1980	68.00	2	0	0.029	-	-
1981	312.00	7	2	0.022	-	-
1982	23.00	0	0	0.000	-	-
1983	194.50	3	0	0.015	-	-
1984	263.00	0	0	0.000	-	-
1985	50.00	0	0	0.000	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	415.00	1	0	0.002	-	-
1990	-	-	0	-	-	-
1991	315.00	3	0	0.010	-	-
1992	252.00	4	0	0.016	-	-
1993	291.00	4	0	0.014	-	-
1994	128.00	0	0	0.000	42.3 (1)	42.3
1995	37.50	1	-	0.027	28.0 (1)	28.0
1996	56.00	3	-	0.054	28.2 (3)	29.0
1997	56.00	0	-	0.000	-	-
1998	80.50	1	-	0.012	29.0 (1)	29.0
1999	27.50	0	-	0.000	-	-
2000	83.50	0	-	0.000	-	-
2001	60.00	0	-	0.000	-	-
2002	54.00	0	-	0.000	-	-
2003	35.50	1	-	0.028	53.0 (1)	53.0
Summary	3828.50	54	2	0.014	33.8 (7)	53.0

* MNR angler diary program data (Dube & Rettie 1960).

Waterbody – **Georgian Bay (Parry Sound)**
County – Parry Sound District
Latitude - 45° 20' Longitude – 80° 03' Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	27.00	5	0	0.185	-	-
1990	60.00	1	0	0.017	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	32.00	1	0	0.031	44.0 (1)	44.0
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	119.00	7	0	0.059	44.0 (1)	44.0

Waterbody – **Georgian Bay (Severn Sound)**
County – Simcoe County and Muskoka District
Latitude - 44° 48' Longitude – 79° 43' Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1949*	-	-	-	-	36.3 (3)	38.0
1950*	-	-	-	-	30.0 (1)	30.0
1951*	-	-	-	-	36.8 (2)	38.0
1952*	-	-	-	-	34.8 (5)	37.5
1953	-	-	-	-	-	-
1954*	-	-	-	-	34.9 (10)	43.0
1955	-	-	-	-	-	-
1956*	-	-	-	-	35.4 (6)	43.5
1957*	-	-	-	-	35.1 (6)	43.0
1958*	-	-	-	-	35.8 (10)	47.0
1959*	-	-	-	-	36.9 (8)	43.0
1960*	-	-	-	-	34.3 (9)	44.0
1961*	-	-	-	-	36.1 (10)	42.0
1962*	-	-	-	-	31.0 (22)	42.0
1963*	-	-	-	-	33.2 (25)	40.0
1964*	-	-	-	-	37.8 (47)	50.5
1965*	-	-	-	-	39.0 (31)	52.0
1966	-	-	-	-	-	-
1967*	-	-	-	-	38.4 (10)	43.5
1968*	-	-	-	-	45.0 (1)	45.0
1969	-	-	-	-	-	-
1970*	-	-	-	-	37.3 (16)	50.0
1971*	-	-	-	-	38.4 (14)	48.0
1972*	-	-	-	-	34.0 (31)	50.0
1973*	-	-	-	-	37.4 (23)	50.0
1974	-	-	-	-	-	-

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1975*	-	-	-	-	47.0 (4)	53.0
1976	-	-	-	-	-	-
1977*	-	-	-	-	39.6 (5)	55.0
1978*	-	-	-	-	34.8 (14)	51.0
1979***	14.00	0	0	0.000	32.6 (9)	47.0
1980***	344.50	4	3	0.012	41.0 (1)	41.0
1981***	292.00	4	2	0.014	28.0 (2)	28.0
1982***	226.50	7	2	0.031	42.6 (5)	53.0
1983***	449.50	12	1	0.027	43.5 (3)	49.5
1984***	472.50	5	0	0.011	33.0 (3)	35.0
1985**	271.50	3	1	0.011	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989**	323.00	4	2	0.012	-	-
1990	-	-	-	-	-	-
1991***	812.50	25	2	0.031	45.3 (9)	54.0
1992**	846.50	26	2	0.031	-	-
1993**	231.00	1	0	0.004	-	-
1994**	345.00	5	0	0.014	52.0 (1)	52.0
1995**	40.00	0	0	0.000	-	-
1996**	25.00	0	0	0.000	-	-
1997**	45.00	3	-	0.067	41.7 (3)	47.0
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001**	36.00	1	-	0.028	41.0 (1)	41.0
2002**	13.00	0	-	0.000	-	-

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
2003**	34.00	0	-	0.000	-	-
Summary	4,821.50	91	15	0.021	37.5 (350)	55.0

* MNR angler diary program data.
** MCI angler diary program data.
*** MNR and MCI program data.

Waterbody – **Georgian Bay (Unspecified Location)**
Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	28.00	0	0	0.000	-	-
1980	-	-	-	-	-	-
1981	80.50	0	0	0.000	-	-
1982	48.00	0	0	0.000	-	-
1983	21.00	2	1	0.095	-	-
1984	157.00	8	2	0.051	-	-
1985	225.00	11	0	0.049	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	592.00	6	0	0.010	-	-
1989	181.00	13	0	0.072	-	-
1990	1483.50	54	4	0.036	-	-
1991	107.50	8	0	0.074	-	-
1992	598.00	17	0	0.028	-	-
1993	127.00	6	0	0.047	-	-
1994	415.00	6	1	0.014	44.0 (7)	53.0
1995	54.00	5	-	0.093	34.8 (5)	40.0
1996	17.00	1	-	0.059	35.0 (1)	35.0
1997	75.50	1	-	0.013	39.0 (1)	39.0
1998	46.50	3	-	0.065	44.7 (3)	48.0
1999	148.00	1	-	0.007	42.0 (1)	42.0
2000	784.50	45	-	0.057	38.2 (45)	48.5
2001	8.00	0	-	0.000	-	-
2002	94.50	2	-	0.021	39.0 (2)	42.0
2003	63.00	5	-	0.079	42.4 (5)	53.0
Summary	5,354.50	194	8	0.036	39.1 (70)	53.0

Waterbody – **Georgian Bay (All Sites Combined)**
Angling Division - 16

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1949*	-	-	-	-	36.3 (3)	38.0
1950*	-	-	-	-	30.0 (1)	30.0
1951*	-	-	-	-	36.8 (2)	38.0
1952*	-	-	-	-	34.8 (5)	37.5
1953*	-	-	-	-	-	-
1954*	-	-	-	-	34.9 (10)	43.0
1955*	-	-	-	-	-	-
1956*	-	-	-	-	35.4 (6)	43.5
1957*	-	-	-	-	35.1 (6)	43.0
1958*	-	-	-	-	35.8 (10)	47.0
1959*	-	-	-	-	36.9 (8)	43.0
1960*	1,026.50	24	0	0.233	34.3 (9)	50.5
1961*	-	-	-	-	36.1 (10)	42.0
1962*	-	-	-	-	31.0 (22)	42.0
1963*	-	-	-	-	33.2 (25)	40.0
1964*	-	-	-	-	37.8 (47)	50.5
1965*	-	-	-	-	39.0 (31)	52.0
1966	-	-	-	-	-	-
1967*	-	-	-	-	38.4 (10)	43.5
1968*	-	-	-	-	45.0 (1)	45.0
1969	-	-	-	-	-	-
1970*	-	-	-	-	37.3 (16)	50.0
1971*	-	-	-	-	38.4 (14)	48.0
1972*	-	-	-	-	34.0 (31)	50.0
1973*	-	-	-	-	37.4 (23)	50.0
1974	-	-	-	-	-	-
1975*	-	-	-	-	47.0 (4)	53.0

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1976	-	-	-	-	-	-
1977*-	-	-	-	-	39.6 (5)	55.0
1978*	-	-	-	-	34.8 (14)	51.0
1979***	42.00	0	0	0.000	32.6 (9)	47.0
1980**	412.50	6	3	0.015	44.8 (7)	54.8
1981**	684.50	11	4	0.016	38.3 (8)	52.0
1982**	353.50	8	2	0.023	40.9 (23)	53.0
1983**	680.00	17	2	0.025	40.2 (25)	49.5
1984**	892.50	13	2	0.015	38.3 (14)	51.5
1985**	622.50	16	1	0.026	39.1 (26)	49.0
1986**	-	-	-	-	52.0 (1)	52.0
1987**	-	-	-	-	41.0 (8)	48.0
1988**	592.00	6	0	0.010	42.0 (3)	49.5
1989**	946.00	23	2	0.023	38.1 (15)	46.0
1990**	1,543.50	55	4	0.036	42.1 (46)	55.5
1991**	1,235.00	36	2	0.029	44.9 (29)	55.5
1992**	1,696.50	47	2	0.028	43.5 (34)	57.0
1993**	655.00	13	1	0.020	45.1 (14)	53.0
1994**	944.50	12	1	0.013	44.6 (10)	53.0
1995**	411.50	16	-	0.039	38.1 (11)	48.5
1996**	347.50	7	-	0.020	36.5 (7)	50.5
1997**	332.50	8	-	0.024	41.0 (4)	47.0
1998**	261.00	5	-	0.019	39.8 (5)	48.0
1999**	228.50	2	-	0.009	38.0 (2)	42.0
2000**	1,275.00	51	-	0.040	38.5 (51)	50.0
2001**	267.25	1	-	0.004	41.0 (1)	41.0
2002**	536.00	16	-	0.030	43.1 (15)	52.0

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
2003**	346.50	7	-	0.020	43.9 (7)	53.0
Summary	16,332.25	400	26	0.024	39.4 (702)	57.0

* MNR angler diary program data
** Muskies Canada angler diary program data
*** MNR and MCI data

Waterbody – **Green Lake**
Township(s) – Guilford County – Haliburton
Latitude - 45° 07' Longitude – 78° 37' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	25.00	1	0	0.040	-	-
1981	9.00	2	0	0.222	31.5 (2)	33.0
1982	12.50	1	0	0.080	33.8 (8)	39.5
1983	10.00	0	0	0.000	38.0 (1)	38.0
1984	-	-	-	-	33.0 (1)	33.0
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	56.500	4	0	0.071	33.7 (12)	39.5

Waterbody – **Head Lake**
Township(s) – Laxton County – Victoria
Latitude - 44° 44' Longitude – 78° 55' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	25.00	1	0	0.040	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	16.00	1	0	0.063	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	2.00	1	0	0.500	-	-
1989	5.00	0	0	0.000	-	-
1990	-	-	-	-	-	-
1991	11.00	3	0	0.273	-	-
1992	8.00	4	0	0.500	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	67.00	10	0	0.149	-	-

Waterbody – **Jack Lake**
Township(s) – Burleigh & Methuen County – Peterborough
Latitude - 44° 42' Longitude – 78° 02' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	2.00	1	0	0.500	36.4 (1)	36.4
1982	-	-	-	-	-	-
1983	209.50	14	0	0.067	33.3 (17)	44.0
1984	207.25	28	0	0.135	36.4 (18)	43.5
1985	428.75	60	1	0.140	35.6 (49)	45.0
1986	-	-	-	-	34.6 (63)	45.5
1987	-	-	-	-	35.7 (35)	45.8
1988	30.50	3	0	0.098	-	-
1989	384.50	10	0	0.026	36.8 (13)	45.5
1990	72.00	4	0	0.056	-	-
1991	37.00	11	0	0.297	35.0 (8)	45.0
1992	31.00	4	0	0.129	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	62.00	15	-	0.242	31.6 (15)	44.0
1997	69.00	16	-	0.232	35.1 (13)	45.0
1998	48.00	8	-	0.167	34.3 (8)	38.0
1999	-	-	-	-	-	-
2000	110.00	12	-	0.109	37.0 (12)	47.0
2001	-	-	-	-	-	-
2002	4.00	2	-	0.500	34.0 (2)	34.0
2003	20.00	1	-	0.050	36.0 (1)	36.0
Summary	1,715.50	189	1	0.110	35.1 (255)	47.0

Waterbody – **Jarvis Lake**
Township(s) – Marmora & Madoc County – Hastings
Latitude - 44° 31' Longitude – 77° 34' Angling Division - 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	9.50	1	0	0.105	-	-
1993	22.00	4	0	0.182	-	-
1994	65.00	6	0	0.092	33.1 (6)	37.8
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	96.50	11	0	0.114	33.1 (6)	37.8

Waterbody – **Jock River**
Township(s) – City of Nepean County – Regional Municipality of Ottawa-Carleton
Latitude - 45° 16' Longitude – 75° 42' Angling Division - 9

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	10.50	1	0	0.095	-	-
1989	2.50	0	0	0.000	-	-
1990	3.50	1	0	0.286	36.0 (1)	36.0
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	49.00	17	0	0.347	-	-
1994	42.00	7	0	0.167	38.0 (2)	38.0
1995	61.50	6	-	0.098	32.5 (6)	37.0
1996	37.70	14	-	0.371	29.0 (14)	39.0
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	23.50	4	-	0.174	35.0 (4)	38.0
2000	2.50	0	-	0.000	-	-
2001	11.00	3	-	0.273	28.7 (13)	32.0
2002	18.50	4	-	0.216	25.8 (4)	34.0
2003	-	-	-	-	-	-
Summary	262.20	57	0	0.217	30.2 (44)	39.0

Waterbody – **Kasshabog Lake**
Township(s) – Methuen County – Peterborough
Latitude - 44° 38' Longitude – 77° 58' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	20.00	1	0	0.050	30.4 (5)	33.0
1984	95.00	3	0	0.032	31.8 (9)	37.0
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	67.00	17	0	0.254	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	16.00	0	0	0.000	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	61.75	4	-	0.065	37.4 (4)	40.0
1999	81.30	4	-	0.037	37.4 (4)	39.5
2000	-	-	-	-	-	-
2001	24.50	1	-	0.041	38.0 (1)	38.0
2002	15.25	0	-	0.000	-	-
2003	-	-	-	-	-	-
Summary	380.80	30	0	0.079	33.7 (23)	40.0

Waterbody – **Kashagawigamog Lake**
Township(s) – Minden County – Haliburton
Latitude - 44° 59' Longitude – 78° 36' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	7.00	0	0	0.000	40.1 (17)	-
1991	60.00	20	0	0.333	-	-
1992	80.00	18	0	0.225	-	-
1993	-	-	-	-	-	-
1994	99.00	4	0	0.040	34.7 (3)	-
1995	24.50	5	-	0.204	35.3 (5)	40.0
1996	103.00	8	-	0.078	35.2 (8)	44.0
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	22.00	4	-	0.182	34.7 (3)	38.0
2001	36.50	3	-	0.082	36.3 (3)	40.0
2002	26.30	1	-	0.038	28.0 (1)	28.0
2003	23.00	1	-	0.043	36.0 (1)	36.0
Summary	481.00	64	0	0.133	37.1 (41)	44.0

Waterbody – **Katchewanooka (Katchiwano) Lake**
Township(s) – Smith & Douro County – Peterborough
Latitude - 44° 27' Longitude – 78° 16' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	19.00	3	0	0.158	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	12.00	8	-	0.666	32.7 (8)	38.5
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	13.00	1	-	0.077	46.0 (1)	46.0
Summary	44.00	12	0	0.273	34.2 (9)	46.0

Waterbody – **Lac Seul**
Township(s) – Unsurveyed County – Kenora
Latitude - 50° 20' Longitude – 92° 30' Angling Division - 30

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992*	3,608.00	95	-	0.026	-	-
1993*	2,803.00	38	-	0.014	-	-
1994*	2,446.00	26	-	0.011		-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998*	3,178.00	46	-	0.015	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	12,035.00	205	-	0.017	-	-**

* MNR angler diary program data (Foster et al. 1999).
** A 57 inch muskellunge has been angled from Lac Seul (National Freshwater Fishing Hall of Fame 2000)

Waterbody – **Lake Couchiching**
Township(s) – Orillia, Rama & Mara County – Simcoe & Ontario
Latitude - 44° 40' Longitude – 79° 22' Angling Division - 4

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	63.75	2	2	0.031	41.7 (5)	56.0
1980	328.25	4	1	0.012	41.5 (4)	49.0
1981	55.80	2	2	0.036	45.0 (3)	53.1
1982	303.00	5	1	0.017	43.3 (5)	49.0
1983	336.00	3	0	0.009	47.5 (3)	52.5
1984	209.00	4	0	0.019	42.0 (3)	49.5
1985	192.75	9	1	0.047	43.0 (9)	50.0
1986	-	-	-	-	45.6 (4)	52.0
1987	-	-	-	-	43.0 (1)	43.0
1988	83.75	1	0	0.012	47.1 (2)	48.3
1989	149.50	0	0	0.000	-	-
1990	42.75	1	0	0.023	-	-
1991	114.00	4	0	0.035	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	8.00	0	0	0.000	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	12.00	0	0	0.000	-	-
2002	-	-	-	-	-	-
2003	26.00	1	-	0.038	34.0 (1)	34.0
Summary	1,924.55	36	7	0.019	43.4 (40)	56.0

Waterbody – **Lake Erie**
Latitude - 42° 15' Longitude – 81° 00'
Angling Division - 2

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997*	46.00	10	0	0.217	-	-
1998*	26.00	2	0	0.077	-	-
1999*	13.00	1	0	0.077	-	-
2000*	16.00	0	0	0.000	-	-
2001	-	-	-	-	-	-
2002*	12.00	3	0	0.250	-	-
2003	-	-	-	-	-	-
Summary	113.00	16	0	0.142	-	-

* Data from the MNR Lake Erie Angler Diary Program.

Waterbody – **Lake Nipissing**
County – Nipissing
Latitude - 46° 17' Longitude – 80° 00' Angling Division - 27

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	65.00	0	0	0.000	-	-
1992	61.00	6	0	0.098	38.8 (5)	44.0
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	19.00	0	0	0.000	-	-
1996	76.00	3	-	0.039	39.2 (3)	44.0
1997	57.00	0	0	0.000	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	16.00	0	0	0.000	-	-
2003	42.00	2	-	0.024	38 8 (2)	40.5
Summary	336.00	11	0	0.033	38.9 (10)	44.0

Waterbody – **Lake Restoule**
Township(s) – Patterson County – Parry Sound
Latitude - 46° 03' Longitude – 79° 46' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	9.50	0	0	0.000	-	-
2002	22.00	0	0	0.000	-	-
2003	26.00	2	-	0.077	35.0 (2)	35.0
Summary	57.50	2	-	0.035	35.0 (2)	35.0

Waterbody – **Lake Rosseau**
Township(s) – Cardwell, Watt, Medora & Humphrey County – Muskoka & Parry Sound
Latitude – 45° 10' Longitude – 79° 35' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	37.4 (10)	47.0
1987	-	-	-	-	-	-
1988	15.00	2	0	0.133	-	-
1989	19.00	2	0	0.105	-	-
1990	9.00	0	0	0.000	-	-
1991	10.00	4	0	0.400	-	-
1992	4.00	3	0	0.750	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	57.00	11	0	0.193	37.4 (10)	47.0

Waterbody – **Lake Simcoe**
County – Durham, Simcoe, Victoria & York
Latitude - 44° 25' Longitude – 79° 20' Angling Division - 5

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	13.00	1	0	0.077	-	52.9*
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	76.00	1	1	0.014	-	-
1984	46.00	0	0	0.000	-	-
1985	51.00	1	0	0.020	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	186.00	3	1	0.016	-	52.9

* Data from Pugsley (1981)

Waterbody – **Lake St. Clair**
County – Essex & Kent
Latitude - 42° 28' Longitude – 82° 42' Angling Division - 1

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1968	-	-	-	-	38.3 (343)*	-
1969	-	-	-	-	38.1 (424)*	-
1970	-	-	-	-	-	-
1971	-	-	-	-	40.8 (424)*	-
1972	-	-	-	-	40.7 (156)*	-
1973	-	-	-	-	41.9 (75)*	-
1974	-	-	-	-	41.5 (108)*	-
1975	-	-	-	-	41.9 (99)*	-
1976	-	-	-	-	40.7 (117)*	
1977	-	-	-	-	-	-
1978	-	-	-	-	-	-
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	4.00	0	0	0.000	-	-
1985**	9,943.00	369	23	0.037	-	-
1986***	6,613.00	218	22	0.033	-	-
1987***	6,120.00	197	9	0.032	-	-
1988***	9,326.00	374	16	0.040	-	-
1989***	10,026.00	448	13	0.045	-	-
1990***	8,991.00	522	9	0.058	-	-
1991***	9,262.00	491	6	0.053	-	-
1992***	9,385.00	682	10	0.073	-	-
1993***	12,953.00	1,015	18	0.078	-	-

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1994***	18,938.00	1,624	22	0.086	-	-
1995***	19,587.00	1,434	13	0.073	-	-
1996***	15,639.00	1,459	12	0.093	25.5 (1)	25.5
1997***	15,125.00	1,565	11	0.103	-	-
1998***	11,325.51	1,074	8	0.095	-	-
1999***	9,369.50	645	5	0.069	-	-
2000**	8,838.93	750	16	0.085	34.0 (1)	34.0
2001**	7,585.62	870	2	0.115	-	-
2002**	4,022.70	289	4	0.072	39.3 (12)	46.0
2003**	3,817.17	350	10	0.092	46.3 (9)	52.0
Summary	196,867.43	14,376	229	0.073	39.8 (1,769)	52.0****

* Data from volunteer records from the Michigan-Ontario Muskie Club (Haas 1978).
** Data from MCI and Lake St. Clair volunteer angler diary programs.
*** Data from Lake St. Clair angler diary program.
**** A 54 inch muskellunge was reported by Krumholz (1947).

Waterbody – **Lake of the Woods**
District – Kenora Angling Division - 22
Latitude - 49° 15' Longitude – 94° 45'

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988*	4,667.00	266	21	0.057	39.8 (204)	53.0
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995/96*	11,639.00	442	2	0.038	37.9 (41)	53.0
1996	-	-	-	-	38.1 (277)	53.0
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999*	21,708.00	932	0	0.043	37.9 (739)	53.0
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002*	9,494.05	440	0	0.046	33.6 (440)	52.0
2003	52.50	9	-	0.171	38.4 (8)	45.5
Summary	47,560.55	2,089	23	0.044	37.1 (1,709)	53.0**

* MNR angler diary program data (Duffy and Mosindy 2001).
** A 59 inch muskellunge was angled from Lake of the Woods in 1932 (Ramsell 1997).

Waterbody – **Lark Lake**
Township(s) – Hunter County – Nipissing
Latitude - 45° 34' Longitude – 78° 49' Angling Division - 13

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	5.00	0	0	0.000	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	5.00	0	0	0.000	-	-

Waterbody – **Lennon Lake**
Township(s) – Carlow County – Hastings
Latitude - 45° 18' Longitude – 77° 41' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	29.00	3	-	0.103	35.0 (3)	42.0
2003	-	-	-	-	-	-
Summary	29.00	3	-	0.103	35.0 (3)	42.0

Waterbody – **Little Lake**
Township(s) – North Monaghan County – Peterborough
Latitude - 48° 18' Longitude – 78° 19' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	4.00	0	0	0.00	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	0.20	1	-	5.000	32.5 (1)	32.5
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	4.20	1	0	0.238	32.5 (1)	32.5

Waterbody – **Loch Garry**
Township(s) – Kenyon County – Glengarry
Latitude - 45° 15' Longitude – 74° 43' Angling Division - 9

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	5.00	0	-	0.000	-	-
1999	2.00	1	-	0.500	35.5 (1)	35.5
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	9.50	1	-	0.105	40.0 (1)	40.0
2003	9.50	0	-	0.000	-	-
Summary	26.00	2	-	0.077	37.8 (2)	40.0

Waterbody – **Lovesick Lake**
Township(s) – Smith & Harvey County – Peterborough
Latitude - 44° 33' Longitude – 78° 13' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	6.00	0	0	0.000	-	-
1980	-	-	-	-	-	-
1981	8.00	2	0	0.250	30.0 (2)	33.0
1982	7.00	1	1	0.143	30.9 (5)	38.5
1983	25.00	2	0	0.080	29.0 (1)	29.0
1984	48.50	9	0	0.186	29.4 (5)	31.0
1985	23.00	4	0	0.174	32.3 (3)	35.0
1986	-	-	-	-	33.7 (10)	48.0
1987	-	-	-	-	35.2 (9)	47.0
1988	101.00	6	1	0.059	27.0 (6)	30.0
1989	97.00	12	1	0.124	41.0 (2)	43.0
1990	12.00	1	0	0.083	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	4.00	1	-	0.250	32.0 (1)	32.0
1999	9.50	4	-	0.421	37.1 (4)	47.0
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	341.00	42	3	0.123	32.6 (48)	48.0

Waterbody – **Madawaska River**
Township(s) – Pakenham & McNab County – Lanark & Renfrew
Latitude - 45° 27' Longitude – 76° 21' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	32.50	0	0	0.000	-	-
1990	96.00	10	0	0.104	-	-
1991	201.00	41	0	0.204	-	-
1992	480.75	16	0	0.033	37.1 (10)	55.0
1993	61.00	4	0	0.066	36.0 (3)	48.0
1994	107.00	11	0	0.103	33.2 (6)	41.0
1995	94.00	11	-	0.117	31.9 (11)	42.0
1996	66.00	7	-	0.106	35.3 (6)	39.0
1997	18.00	3	-	0.167	37.0 (3)	50.0
1998	113.50	16	-	0.141	37.2 (14)	53.0
1999	213.30	23	-	0.108	32.9 (23)	49.0
2000	96.50	4	-	0.041	31.5 (4)	40.0
2001	159.50	24	-	0.150	35.0 (24)	53.0
2002	235.50	18	-	0.076	33.3 (18)	41.0
2003	10.50	0	-	0.000	-	-
Summary	1,985.05	188	0	0.095	34.4 (122)	55.0

Waterbody – **Maple (Ninatigo) Lake**
Township(s) – Stanhope County - Haliburton
Latitude - 45° 06' Longitude – 78° 40' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	36.00	5	0	0.139	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	5.00	0	0	0.000	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	41.00	5	0	0.122	-	-

Waterbody – **Mary's (Norman) Lake**
County/District – Kenora
Latitude - 50° 02' Longitude – 93° 57' Angling Division - 22

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	14.00	9	-	0.643	-	--
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	14.00	9	-	0.643	-	-

Waterbody – **Mill Lake**
Township(s) – Philip Edward Island County – Manitoulin
Latitude - 45° 59' Longitude – 81° 13' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	24.00	4	-	0.167	35.0 (4)	36.0
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	9.00	1	-	0.111	41.0 (1)	41.0
Summary	33.00	5	-	0.152	36.2 (5)	41.0

Waterbody – **Mitchell Lake**
Township(s) – Eldon County – Victoria (City of Kawartha Lakes)
Latitude - 44° 34' Longitude – 78° 57' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	13.00	2	0	0.154	-	-
1981	3.50	1	0	0.286	32.0 (1)	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	2.00	0	0	0.000	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	3.00	3	0	1.000	-	-
1990	-	-	-	-	-	-
1991	16.00	9	0	0.563	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	37.50	15	0	0.400	32.0 (1)	32.0

Waterbody – **Moira River/Lake**
Township(s) – Huntington County – Hastings
Latitude - 44° 34' Longitude – 77° 27' Angling Division - 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	39.0 (1)	39.0
1981	-	-	-	-	-	-
1982	85.50	7	0	0.082	40.6 (7)	52.5
1983	55.00	1	0	0.018	47.3 (2)	54.5
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	2.00	0	0	0.000	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	16.00	2	0	0.125	-	-
1992	245.50	23	1	0.094	37.4 (20)	52.0
1993	116.50	10	0	0.086	41.4 (15)	50.0
1994	77.50	3	0	0.039	37.8 (4)	49.0
1995	61.00	1	-	0.016	42.0 (1)	42.0
1996	79.00	4	-	0.051	33.2 (3)	41.5
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	7.80	0	-	0.000	-	-
2000	-	-	-	-	-	-
2001	22.00	0	-	0.000	-	-
2002	7.00	0	-	0.000	-	-
2003	-	-	-	-	-	-
Summary	774.80	51	-	0.066	39.2 (53)	54.5

Waterbody – **Nepewassi Lake**
Township(s) – Burwash, Hendrie & Hawley County – Sudbury District
Latitude - 46° 22' Longitude – 80° 38' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	22.00	3	-	0.136	33.5 (3)	48.0
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	38.00	2	-	0.053	36.0 (2)	38.0
Summary	60.00	5	-	0.083	34.5 (5)	48.0

Waterbody – **Niagara River**
Township(s) – Bertie & Willoughby County – Niagara
Latitude - 43° 16' Longitude – 79° 03' Angling Division - 3

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	7.00	1	0	0.143	-	-
1992	505.50	68	0	0.135	-	-
1993	18.00	0	0	0.000	-	-
1994	62.50	12	0	0.192	36.7 (3)	39.0
1995	49.00	6	-	0.122	34.2 (6)	38.0
1996	55.00	1	-	0.018	34.0 (1)	34.0
1997	169.50	18	-	0.106	36.1 (18)	44.0
1998	85.50	6	-	0.070	37.8 (6)	45.5
1999	17.30	1	-	0.057	37.5 (1)	37.5
2000	75.00	4	-	0.053	38.1 (4)	42.5
2001	7.00	0	-	0.000	-	-
2002	73.00	4	-	0.055	34.0 (2)	38.0
2003	145.75	6	-	0.041	43.3 (6)	53.0
Summary	1,270.05	127	-	0.100	37.1 (47)	53.0

Waterbody – **North Channel (Lake Huron)**
County – Algoma & Sudbury Districts
Latitude - 46° 00' Longitude – 83° 00' Angling Division - 17

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	50.00	0	0	0.000	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	--
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	50.00	0	0	0.000	-	-

Waterbody – **North River**
Township – Belmont County – Peterborough
Latitude - 44° 30' Longitude – 77° 50' Angling Division - 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	32.3 (4)	39.5
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	-	-	-	-	32.3 (4)	39.5

Waterbody – **Nosbonsing Lake**
Township(s) – East Ferris & Bonfield County – Nipissing
Latitude - 46° 12' Longitude – 79° 13' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	41.00	0	0	0.000	-	-
1983	-	-	-	-	-	-
1984	36.25	2	1	0.055	-	-
1985	17.00	0	0	0.000	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	15.50	5	0	0.323	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	46.00	1	-	0.022	36.0 (1)	36.0
Summary	155.75	8	-	0.051	36.0 (1)	36.0

Waterbody – **Omemee Pond**
Township(s) – Emily County – Victoria (City of Kawartha Lakes)
Latitude - 44° 18' Longitude – 78° 34' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	6.00	0	0	0.000	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	6.00	0	0	0.000	-	-

Waterbody – **Otonabee River**
Township(s) – South Monaghan & Otonabee County – Northumberland & Peterborough
Latitude - 44° 09' Longitude – 78° 14' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	11.00	2	0	0.182	29.5 (2)	37.0
1984	11.00	0	0	0.000	-	-
1985	4.50	0	0	0.000	-	-
1986	-	-	-	-	37.6 (2)	47.5
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	4.00	1	-	0.250	-	-
1998	-	-	-	-	-	-
1999	15.80	3	-	0.190	34.4 (3)	39.0
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	46.30	6	-	0.130	33.9 (7)	47.5

Waterbody – **Ottawa River**
County –Renfrew, Regional Municipality of Ottawa-Carleton, Prescott & Russell
Latitude - 45° 34' Longitude – 74° 23' Angling Division - 12

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	2.00	0	0	0.000	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	491.50	41	0	0.083	34.4 (12)	53.0
1990	1,187.50	105	0	0.088	36.6 (31)	52.5
1991	803.50	52	0	0.065	39.4 (45)	50.0
1992	719.50	47	0	0.065	40.6 (26)	54.0
1993	666.00	47	0	0.071	42.0 (51)	55.0
1994	994.50	64	0	0.064	40.5 (62)	58.3
1995	454.50	35	-	0.077	37.2 (35)	52.0
1996	1,120.80	130	-	0.116	36.2 (120)	54.0
1997	1,506.50	186	-	0.123	35.7 (184)	54.0
1998	1,188.80	138	-	0.116	36.9 (138)	55.0
1999	1,551.70	176	-	0.113	37.9 (176)	54.5
2000	1,413.80	148	-	0.105	39.8 (148)	53.5
2001	1,224.40	135	-	0.110	37.1 (135)	52.0
2002	928.00	93	-	0.100	36.3 (93)	54.0
2003	1,821.75	152	-	0.083	38.0 (106)	55.0
Summary	16,074.75	1,549	-	0.096	37.6 (1,390)	58.3*

* A 62 inch muskellunge has been angled from the Ottawa River (National Freshwater Fishing Hall of Fame 2000).

Waterbody – **Petawawa River**
Township(s) – Petawawa County – Renfrew
Latitude - 45° 55' Longitude – 77° 15' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	201.00	30	0	0.149	-	-
1990	306.70	61	0	0.199	39.0 (5)	48.0
1991	292.50	42	0	0.144	39.2 (13)	46.0
1992	103.00	12	0	0.214	37.7 (3)	43.0
1993	94.50	22	0	0.233	35.5 (2)	36.0
1994	121.50	17	0	0.140	33.4 (7)	38.0
1995	80.00	13	-	0.163	30.5 (13)	36.0
1996	21.00	3	-	0.143	39.0 (2)	40.0
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	8.00	1	-	0.125	23.0 (1)	23.0
2002	33.00	3	-	0.091	27.0 (3)	30.0
2003	-	-	-	-	-	-
Summary	1,261.20	204	-	0.162	34.7 (49)	48.0

Waterbody = ***Pickerel River***
County - Parry Sound District
Latitude - 45° 55' Longitude – 80° 46' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	74.50	1	-	0.013	40.0 (1)	40.0
1998	49.00	0	0	0.000	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	64.75	0	0	0.000	-	-
2002	189.50	3	-	0.016	39.0 (3)	45.0
2003	347.25	11	-	0.032	30.6 (11)	37.0
Summary	725.00	15	-	0.021	32.9 (15)	45.0

Waterbody – **Pigeon Lake**
Township(s) – Emily & Harvey County – Victoria (City of Kawartha Lakes) & Peterborough
Latitude – 44° 27' Longitude – 78° 30'

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	257.50	17	2	0.066	40.7 (15)	49.5
1980	105.25	6	2	0.057	44.4 (6)	51.5
1981	207.50	8	0	0.039	32.8 (8)	40.0
1982	188.50	23	0	0.122	39.6 (32)	52.0
1983	302.00	30	3	0.099	37.0 (21)	49.8
1984	617.50	33	1	0.053	36.9 (26)	48.0
1985	168.50	35	0	0.208	31.8 (8)	48.5
1986	14.50	1	0	0.069	34.5 (53)	52.3
1987	-	-	-	-	32.3 (24)	44.0
1988	240.50	13	1	0.054	34.2 (14)	44.0
1989	114.50	30	0	0.262	33.0 (34)	49.0
1990	453.00	96	0	0.212	33.7 (87)	44.0
1991	301.00	42	0	0.140	35.5 (46)	48.0
1992	180.50	20	0	0.111	36.6 (26)	46.0
1993	41.00	9	0	0.220	35.2 (10)	52.0
1994	165.50	17	0	0.103	35.4 (45)	48.5
1995	63.30	21	-	0.332	36.5 (21)	45.5
1996	163.00	26	-	0.160	33.0 (26)	44.0
1997	20.00	9	-	0.450	32.7 (9)	40.0
1998	108.50	24	-	0.221	35.1 (24)	44.5
1999	69.50	11	-	0.158	36.9 (11)	43.5
2000	231.80	25	-	0.108	34.5 (18)	45.8
2001	262.50	48	-	0.183	33.7 (37)	46.5
2002	379.60	57	-	0.150	34.4 (57)	45.0
2003	151.00	3	-	0.020	32.5 (3)	36.0
Summary	4,806.45	604	9	0.126	36.4 (661)	52.3

Waterbody – **Pine Lake**
Township(s) – Guilford County – Haliburton
Latitude - 45° 07' Longitude – 78° 35' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	41.0 (4)	45.0
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	-	-	-	-	41.0 (4)	45.0

Waterbody – **Rice Lake**
Township(s) – Alnwick, Hamilton, Otonabee & South Monaghan
County –Northumberland & Peterborough
Latitude - 44° 12′ Longitude – 78° 10′ Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	15.50	1	0	0.065	-	-
1981	64.50	1	0	0.016	40.0 (1)	40.0
1982	45.00	6	0	0.133	38.6 (6)	41.0
1983	67.00	1	0	0.015	30.0 (1)	30.0
1984	95.00	0	0	0.000	-	-
1985	117.00	6	1	0.051	33.1 (5)	39.5
1986	"	"	"	"	37.8 (4)	46.0
1987	"	"	"	"	"	-
1988	2.00	1	0	0.500	"	-
1989	"	"		"	"	-
1990	"	"		"	"	-
1991	"	"		"	"	-
1992	"	"		"	"	-
1993	-	-		-	34.0 (1)	34.0
1994	-	-		-	-	-
1995	-	-		-	-	-
1996	-	-		-	-	-
1997	-	-		-	-	-
1998	-	-		-	-	-
1999	-	-		-	-	-
2000	-	-		-	-	-
2001	-	-		-	-	-
2002	-	-		-	-	-
2003	-	-	-	-	-	-
Summary	406.00	16	1	0.039	36.2 (18)	46.0

Waterbody – **Rideau River**
Township(s) – Oxford-on-Rideau and South Gower
County – Grenville & Regional Municipality of Ottawa-Carleton
Latitude -45° 27' Longitude – 75° 42' Angling Division – 9 and 10

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	15.00	2	0	0.133	39.5 (2)	41.0
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	32.00	4	0	0.125	-	-
1989	391.00	29	0	0.074	33.2 (29)	41.0
1990	222.50	18	0	0.081	34.4 (27)	46.0
1991	208.50	24	0	0.115	34.9 (26)	55.0
1992	256.00	15	0	0.059	34.7 (11)	41.0
1993	227.50	34	0	0.149	38.9 (30)	53.5
1994	159.50	27	0	0.170	40.0 (3)	41.5
1995	98.00	14	-	0.143	31.3 (14)	40.0
1996	295.50	39	-	0.132	29.9 (39)	44.0
1997	144.00	19	-	0.132	33.4 (19)	44.0
1998	239.50	42	-	0.175	35.8 (42)	46.0
1999	295.50	53	-	0.179	35.0 (53)	50.5
2000	137.50	24	-	0.175	34.0 (24)	43.0
2001	165.80	25	-	0.151	32.1 (25)	45.5
2002	219.30	21	-	0.096	36.5 (21)	45.0
2003	335.50	44	-	0.131	35.9 (35)	46.0
Summary	3,442.60	434	-	0.126	34.5 (400)	55.0

Waterbody – **Round Lake**
Township(s) – Belmont County – Peterborough
Latitude - 44° 30' Longitude – 77° 53' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	5.00	5	0	1.000	44.9 (5)	50.5
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	34.50	24	-	0.696	30.0 (24)	40.5
1996	18.50	12	-	0.649	30.9 (12)	41.0
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	28.25	10	-	0.354	28.8 (10)	35.0
2002	13.00	1	-	0.077	31.0 (1)	31.0
2003	-	-	-	-	-	-
Summary	99.25	52	-	0.524	31.4 (52)	50.5

Waterbody – **Rylstone Lake**
Township(s) – Rawdon County – Hastings
Latitude – 44° 25' Longitude – 77° 42' Angling Division - 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	4.00	1	0	0.250	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	4.00	1	0	0.250	-	-

Waterbody – **Salerno (Devil's) Lake**
Township(s) – Glamorgan County – Haliburton
Latitude - 44° 51' Longitude – 78° 29' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	11.00	2	0	0.182	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	11.00	2	0	0.182	-	-

Waterbody – **Saugeen River**
Township(s) – Saugeen & Elderslie County – Bruce
Latitude - 44° 30' Longitude – 81° 22' Angling Division - 4

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	4.00	0	0	0.00	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	17.50	2	-	0.114	37.8 (2)	39.5
2000	9.00	1	-	0.111	32.0 (1)	32.0
2001	53.00	6	-	0.113	34.0 (6)	39.0
2002	11.00	0	0	0.000	-	-
2003	-	-	-	-	-	-
Summary	94.50	9	-	0.095	34.6 (9)	39.5*

* A 45.5 inch muskellunge was angled from the Saugeen River during a 2003 radio telemetry study.

Waterbody – **Scugog Lake**
Township(s) – Mariposa, Manvers & Scugog County – Victoria & Durham
Latitude - 44° 10' Longitude – 78° 50' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	49.00	2	1	0.041	34.5 (2)	36.0
1980	-	-	-	-	33.0 (1)	33.0
1981	43.00	1	0	0.023	27.0 (1)	27.0
1982	12.00	0	0	0.000	-	-
1983	61.50	4	2	0.065	36.8 (2)	42.5
1984	17.00	1	0	0.059	-	-
1985	12.00	1	0	0.083	30.0 (1)	30.0
1986	-	-	-	-	40.3 (8)	49.5
1987	-	-	-	-	-	-
1988	8.00	2	0	0.250	-	-
1989	38.00	3	0	0.079	44.0 (1)	44.0
1990	89.00	17	1	0.191	33.7 (5)	37.0
1991	16.50	5	0	0.303	-	-
1992	41.00	5	0	0.122	33.1 (5)	39.0
1993	8.00	2	0	0.250	38.0 (1)	38.0
1994	16.00	1	0	0.063	36.0 (1)	36.0
1995	60.80	22	-	0.362	33.8 (22)	43.5
1996	128.00	23	-	0.180	36.5 (13)	47.0
1997	6.00	1	-	0.167	32.0 (1)	32.0
1998	-	-	-	-	-	-
1999	166.00	69	-	0.416	41.1 (69)	49.5
2000	462.30	191	-	0.413	38.5 (191)	46.5
2001	458.00	120	-	0.262	33.7 (120)	45.5
2002	368.00	72	-	0.196	37.2 (72)	45.0
2003	181.50	72	-	0.397	38.6 (83)	44.5
Summary	2,241.30	614	4	0.274	37.4 (599)	49.5

Waterbody – **Seymour Lake**
Township(s) – Seymour County – Northumberland
Latitude - 44° 23' Longitude – 77° 48' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	5.50	0	0	0.000	-	-
2003	-	-	-	-	-	-
Summary	5.50	0	0	0.000	-	-

Waterbody – **Sparrow Lake**
Township(s) – Orillia & Morrison County – Simcoe & Muskoka
Latitude - 44° 47' Longitude – 79° 24' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979*	-	-	-	-	39.0 (8)	49.0
1980*	-	-	-	-	35.8 (12)	44.0
1981	124.30	3	0	0.024	32.0 (3)	35.0
1982**	34.50	2	2	0.058	44.5 (6)	48.0
1983**	31.00	0	0	0.000	36.4 (8)	49.0
1984**	6.50	0	0	0.000	34.9 (8)	44.0
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	38.00	0	0	0.000	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	156.50	3	0	0.019	41.2 (6)	53.0
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	3.50	0	0	0.000	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	394.30	8	2	0.020	40.0 (48)	53.0

* Data from volunteer anglers at Grandview Lodge.
** Data from MCI angler diary program and Grandview Lodge anglers.

Waterbody – **St. Clair River**
County – Lambton
Latitude - 42° 33' Longitude – 82° 40' Angling Division - 1

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997*	7.0	4	4	0.571	-	-
1998	-	-	-	-	-	-
1999*	19.08	0	0	0.000	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	26.08	4	4	0.153	-	-

* Data from Lake St. Clair angler diary program.

Waterbody – **St. Lawrence River**
County – Leeds, Grenville, Stormont & Glengarry
Latitude - 45° 20' Longitude – 73° 58' Angling Division - 11

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1969*	713.00	26	0	0.036	-	-
1970*	756.00	41	-	0.054	-	-
1971	-	-	-	-	-	-
1972*	270.00	17	-	0.063	-	-
1973*	-	-	-	-	-	-
1974*	666.00	11	-	0.017	-	-
1975*	539.75	21	-	0.039	-	-
1976*	2,162.50	43	-	0.020	-	-
1977*	282.00	16	-	0.057	-	-
1978	-	-	-	-	-	-
1979**	295.00	17	5	0.058	36.5 (10)	48.5
1980	186.00	12	3	0.065	38.5 (2)	39.5
1981	349.00	15	3	0.043	40.5 (15)	49.0
1982	93.00	0	0	0.000	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	4.00	0	0	0.000	-	-
1989	258.40 7,691.84***	15 290	2 29	0.058 0.038	33.0 (1) -	33.0 -
1990	1,126.50 1,020.50****	91 78	7 5	0.081 0.076	49.5 (3) -	51.5 -
1991	1,655.00	26	2	0.016	51.5 (1)	51.5
1992	1,281.25	23	2	0.018	-	-
1993	304.60	1	0	0.003	54.3 (2)	56.6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1994	170.50	2	0	0.012	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	517.75	43	-	0.083	41.7 (21)	58.5
Summary	20,342.59	788	58	0.039	41.2 (55)	58.5

* Anonymous (1978)
** MNR angler diary program data (Hart 1980)
***MNR/NYDEC angler diary program (LaPan & Schiavone 1990)
**** MNR angler diary program data (Penney & Grant 1991)

Waterbody – **Stoco Lake**
Township(s) – Hungerford County – Hastings
Latitude - 44° 28' Longitude – 77° 17' Angling Division - 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	9.00	0	0	0.000	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	3.00	0	0	0.000	-	-
1990	3.00	0	0	0.000	-	-
1991	26.00	0	0	0.000	-	-
1992	122.25	7	0	0.057	37.8 (8)	41.0
1993	352.30	22	0	0.062	35.4 (20)	46.5
1994	401.75	21	0	0.052	35.7 (30)	52.0
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	5.00	0	0	0.000	-	-
1998	98.50	12	-	0.122	33.0 (12)	48.0
1999	230.30	17	-	0.074	30.1 (17)	45.5
2000	367.50	30	-	0.082	33.9 (29)	51.5
2001	264.20	21	-	0.079	32.4 (21)	48.0
2002	227.80	18	-	0.079	33.3 (18)	44.0
2003	105.50	8	-	0.076	34.4 (9)	46.0
Summary	2,216.10	156	-	0.070	33.9 (164)	52.0

Waterbody – **Stoney Lake**
Township(s) – Burleigh & Dummer County – Peterborough
Latitude - 44° 33' Longitude – 78° 06' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	61.00	5	0	0.082	32.9 (6)	44.0
1980	312.50	15	0	0.048	34.9 (4)	47.5
1981	401.50	36	4	0.090	33.6 (36)	43.0
1982	427.75	45	3	0.105	32.4 (72)	45.0
1983	583.00	26	3	0.045	34.0 (28)	47.5
1984	166.50	6	0	0.036	36.6 (10)	47.0
1985	253.50	14	0	0.055	35.1 (26)	49.0
1986	13.00	0	0	0.000	35.1 (36)	49.5
1987	-	-	-	-	32.3 (16)	42.0
1988	217.00	16	0	0.074	34.8 (5)	41.5
1989	28.00	3	0	0.107	24.0 (2)	28.0
1990	240.00	19	0	0.079	33.8 (8)	41.0
1991	39.00	11	0	0.282	41.0 (2)	43.0
1992	253.50	17	0	0.067	35.4 (22)	48.0
1993	12.00	0	0	0.000	-	-
1994	32.00	3	0	0.094	35.3 (3)	42.5
1995	41.00	2	-	0.049	35.5 (2)	37.0
1996	38.00	4	-	0.105	36.8 (4)	43.0
1997	8.00	1	-	0.125	42.0 (1)	42.0
1998	238.50	56	-	0.235	36.7 (56)	47.0
1999	407.50	58	-	0.142	36.8 (58)	50.0
2000	177.50	10	-	0.056	39.9 (10)	48.0
2001	78.00	6	-	0.077	41.2 (6)	49.5
2002	-	-	-	-	-	-
2003	59.00	6	-	0.085	40.1 (6)	46.0
Summary	4,087.75	359	10	0.088	35.1 (419)	50.0

Waterbody – **Sturgeon Lake**
Township(s) – Verulah & Fenelon County – Victoria (City of Kawartha Lakes)
Latitude - 44° 28' Longitude – 78° 43' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	12.00	1	0	0.083	-	-
1980	-	-	-	-	21.0 (1)	21.0
1981	-	-	-	-	-	-
1982	2.50	0	0	0.000	-	-
1983	-	-	-	-	-	-
1984	1.00	1	0	1.000	-	-
1985	52.50	7	1	0.133	34.5 (7)	40.0
1986	13.00	0	0	0.000	32.4 (16)	51.0
1987	-	-	-	-	32.3 (8)	44.0
1988	34.00	5	1	0.147	-	-
1989	-	-	-	-	-	-
1990	2.00	0	0	0.000	-	-
1991	58.00	14	1	0.241	-	-
1992	2.00	1	0	0.500	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	77.00	25	-	0.325	35.9 (25)	47.0
1999	51.20	25	-	0.488	34.3 (25)	44.0
2000	89.50	12	-	0.134	33.6 (12)	42.0
2001	33.00	2	-	0.061	27.0 (2)	27.0
2002	161.30	12	-	0.074	34.4 (12)	42.0
2003	116.50	21	-	0.180	33.1 (21)	46.0
Summary	705.50	126	-	0.179	33.8 (129)	51.0

Waterbody – **Tangamong Lake**
Township(s) – Lake County – Hastings
Latitude - 44° 43' Longitude – 77° 50' Angling Division - 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	15.00	0	0	0.000	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	15.00	0	0	0.000	-	-

Waterbody – **Trent River**
Township(s) – Percy, Seymour & Murray County – Northumberland
Latitude - 44° 25' Longitude – 78° 45' Angling Division - 6

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	26.00	0	0	0.000	-	-
1982	27.00	0	0	0.000	-	-
1983	5.00	0	0	0.000	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	30.00	1	0	0.033	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	8.00	0	0	0.000	-	-
1993	64.50	6	0	0.093	-	-
1994	22.50	2	0	0.089	23.0 (2)	24.0
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	183.00	9	-	0.049	23.0 (2)	

Waterbody – **Trout Lake**
Township(s) – Hoskin & Cherriman County – Sudbury District
Latitude - 46° 13' Longitude – 80° 35' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	39.4 (7)	42.5
1994	74.50	6	0	0.081	-	
1995	115.00	15	-	0.130	39.4 (15)	49.5
1996	-	-	-	-	-	-
1997	76.50	9	-	0.118	35.8 (9)	50.5
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	12.00	1	-	0.083	36.0 (1)	36.0
2003	154.50	13	-	0.084	36.5 (13)	45.0
Summary	432.50	44	-	0.102	37.8 (45)	50.5

Waterbody – **Twin Sisters Lakes**
Township(s) – Marmora County – Hastings
Latitude - 44° 36' Longitude – 77° 45' Angling Division - 7

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	7.50	0	0	0.00	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	7.50	0	0	0.000	-	-

Waterbody – **Wabigoon Lake**
Township(s) – Zealand County – Kenora
Latitude - 49° 44' Longitude – 92° 44' Angling Division - 22

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	182.00	7	4	0.038	45.9 (7)	53.0
1982	229.00	1	1	0.004	49.5 (1)	49.5
1983	-	-	-	-	36.0 (1)	36.0
1984	108.00	0	0	0.000	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	37.9 (2)	53.5
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	519.00	8	5	0.015	43.9 (11)	53.5*

* A muskellunge from Wabigoon Lake measuring 56.75 inches was entered in the 1981 Molson Big Fish Contest.

Waterbody – **White Lake**
Township(s) – Galway County – Peterborough
Latitude -44° 50' Longitude – 78° 29' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	7.00	1	0	0.143	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	7.00	3	-	0.429	33.7 (3)	37.0
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	-	-	-	-	-	-
Summary	14.00	4	0	0.286	33.7 (3)	37.0

Waterbody – **Wolseley River**
Township(s) – Falconer County – Nipissing
Latitude -46º 06' Longitude – 80º 16' Angling Division - 15

Year	Angling Effort (rod hours)	Catch (No. Fish)	Harvest (No. Fish)	CUE	Mean Size of Angled Fish (Sample Size)	Largest Fish
1979	-	-	-	-	-	-
1980	-	-	-	-	-	-
1981	-	-	-	-	-	-
1982	-	-	-	-	-	-
1983	-	-	-	-	-	-
1984	-	-	-	-	-	-
1985	-	-	-	-	-	-
1986	-	-	-	-	-	-
1987	-	-	-	-	-	-
1988	-	-	-	-	-	-
1989	-	-	-	-	-	-
1990	-	-	-	-	-	-
1991	-	-	-	-	-	-
1992	-	-	-	-	-	-
1993	-	-	-	-	-	-
1994	-	-	-	-	-	-
1995	-	-	-	-	-	-
1996	-	-	-	-	-	-
1997	-	-	-	-	-	-
1998	-	-	-	-	-	-
1999	-	-	-	-	-	-
2000	-	-	-	-	-	-
2001	-	-	-	-	-	-
2002	-	-	-	-	-	-
2003	6.00	0	0	0.000	-	-
Summary	6.00	0	0	0.000	-	-

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